Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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Volume 149 No. 12 — Schnell Publishing Company, Inc., Publishers — March 25, 1946

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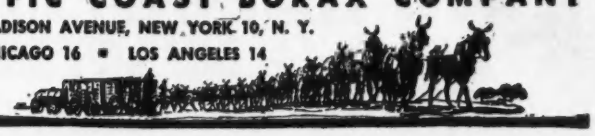

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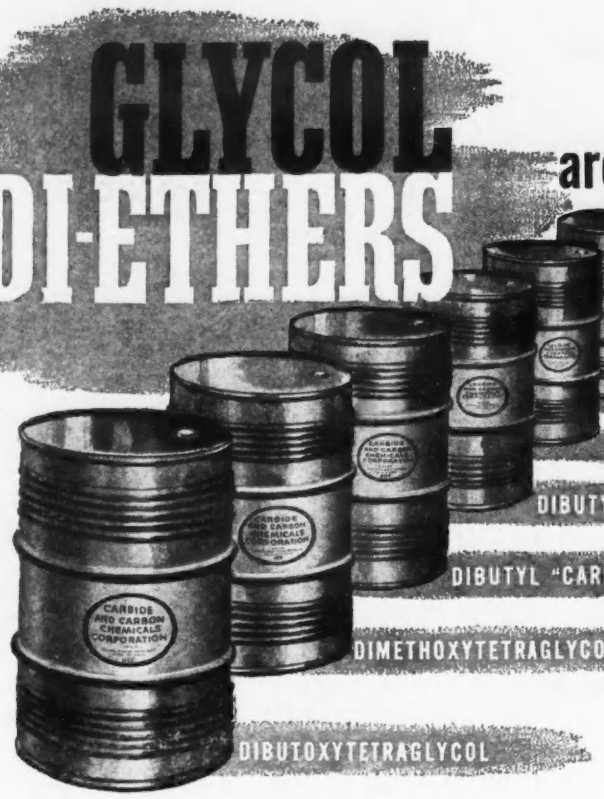

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Write for samples and further information.

NAME	FORMULA	BOILING POINT °C. AT 760 MM.	VAPOR PRESSURE MM. Hg AT 20° C.	SOLUBILITY % BY WEIGHT AT 20° C. IN WATER	WATER IN
Dioxane	$O:(C_2H_4)_2:O$	101.3	29.0	Complete	Complete
Diethyl "Cellosolve"	$C_2H_5OC_2H_4OC_2H_5$	121.4	9.4	21.0	3.4
Diethyl "Carbitol"	$O(C_2H_4OC_2H_5)_2$	188.9	0.4	Complete	Complete
Dibutyl "Cellosolve"	$(CH_2OC_4H_9)_2$	203.3	0.2	0.2	0.6
Dibutyl "Carbitol"	$O(C_2H_4OC_4H_9)_2$	254.6	0.02	0.3	1.4
Dimethoxytetraglycol	$O(C_2H_4OC_2H_4OCH_3)_2$	275.8	0.01	Complete	Complete
Dibutoxytetraglycol	$O(C_2H_4OC_2H_4OC_4H_9)_2$	237 at 50 mm.	0.01	1.3	4.8

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Oil, Paint and Drug Reporter

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Feedstuff Makers Face Deeper Molasses Cut

OPD Washington Bureau

Feedstuffs manufacturers were placed on notice by Lawrence Brown, chief of the Chemicals Division of the Civilian Production Administration, that they may be facing an even deeper cut in the supplies of molasses that will be available to them from new sugar crop production because of the world-wide molasses shortage and the heavy demands of industry for alcohol produced from molasses.

Testifying before a subcommittee of the house investigating the grain shortage, March 19, Mr. Brown said that out of a total of 160,000,000 gallons of molasses which the United States hopes to get from Cuba, when present negotiations are concluded, and from other Caribbean areas, as much as 90,000,000 gallons may have to be sent abroad to meet foreign commitments, leaving this country with only 70,000,000 gallons to meet its industry and feedstuffs needs.

Of this 70,000,000 gallons, he estimated that 60,000,000 would be required for the manufacture of butyl alcohol, so necessary in all quick-drying paints and lacquers for automobiles, washing machines, etc., and probably half of the remaining 20,000,000 gallons would be needed for manufacture of ethyl alcohol.

He told the committee also that the requirements for industrial alcohol are being stepped up rapidly because of the increased synthetic rubber pro-

—Continued on page 40

Bulk-Line Pricing Advocated by Renard

George A. Renard, executive secretary of the National Association of Purchasing Agents, last week called for adoption of bulk-line pricing procedure in preference to complete removal of price controls, as a means of stimulating production.

Speaking at the annual purchasing-sales dinner of the New York association, held in the Commodore hotel, Mr. Renard explained bulk-line pricing as a means of determining how much production of any scarce commodity is needed, and the setting of the price that will develop and float that production, instead of relating it to profits of 1936-39, or some technical formula.

Mr. Renard cited the explosive danger present in current materials shortages and high purchasing power, and recommended adoption of bulk-line pricing as the preferred middle road between current restrictive policies and complete decontrol.

Another speaker, Eric Johnson, president of the Chamber of Commerce of the United States, recommended a three-point program on which to base United States foreign policy. It was living up to international agreements; reliance on the UNO for settling international disputes, and maintaining a free flow of trade.

General Aniline Enters Plea in Trust Suit

The General Aniline & Film Corporation, New York, last week entered a plea of nolo contendere with United States district court, New York, to an indictment lodged by the Department of Justice against principal American dyestuff manufacturers, charging violations of the Sherman Act.

The company based its plea on the grounds that present officers and directors had no knowledge of the acts complained of in the indictment. It pointed out that the acts were alleged to have taken place prior to the vesting of the German interest in the company with the Alien Property Custodian, at which time the present management had no association with administration of the company.

Sulphuric Plant Offered for Sale

OPD Washington Bureau

The Front Royal sulphuric acid plant that turned out 180,000 tons of product annually is ready to be sold or leased by the Federal government according to the War Assets Corporation. Occupying a 10-acre site, this property was operated by the General Chemical Company. Six buildings with 12,000 square feet of working area contain processing equipment and functional units that represent an investment of $1,370,000.

More detailed data on the plant can be obtained from the Richmond Office of the War Assets Corporation, 909 East Main street, Richmond 19, Va. Any regional office can supply general information on the property.

Philippine Trade Bill House Vote Imminent

OPD Washington Bureau

Action on the Philippine trade bill (H.R. 5185) is expected to be completed next week by the house committee on ways and means and the measure reported to the house floor for early passage. The bill proposes a program of future trade relations between the United States and the Philippine Islands to provide the islands with certain preferences in exports in order to rebuild its economy.

Provisions of the bill with respect to the amount of coconut oil which may be shipped to the United States from the islands are understood to have been amended in several particulars. The committee is said to have eliminated the clause which would have prohibited the shipment of any edible coconut oil to the United States, and to have changed the overall duty-free coconut oil quota to provide that the 200,000 long tons permitted free entry during the first year shall be reduced by 8,000 long tons each following year.

The revisions made in the bill are tentative and subject to change before the measure is finally reported to the house.

Drug Trade Conference Studies State Laws

OPD Washington Bureau

Members of the special committee appointed by the National Drug Trade Conference met here in an all-day session, March 19, to consider problems of uniform State laws and how they can best be achieved to benefit the drug industry.

Much of the discussion was understood to have centered on the advisability of laws that would restrict the sales of packaged drugs to recognized drug stores without any agreement being reached on how such stores might be defined.

Subcommittees were formed to consider such specific subjects as uniform drug laws, uniform narcotic laws, uniform caustic poisons laws, and uniform pharmacy laws. The subcommittees were urged to start work early on their reports so that they might be presented at the next meeting of the special committee June 4.

Collins Heads Iodine Sales for Chilean

E. L. Collins, who has been associated with the Chilean Nitrate Sales Corporation, New York, for fifteen years, and directly concerned with crude iodine sales since 1940, has been named iodine sales manager for the company.

Linseed Oil Quota Cut For Paint Industry Indicated

OPD Washington Bureau

Because of an involved domestic and foreign situation in marketing flaxseed and linseed oil, the Paint, Varnish and Lacquer Industry Advisory Committee of the Civilian Production Administration was advised last week by the Department of Agriculture of a contemplated cut in the industry's quota of linseed oil for the second quarter of 1946. The indicated cut would be to 60 percent of the 1940-41 base, from the 75 percent allowed during the first quarter.

It was pointed out by the department's representative that farmers are withholding from sale an estimated 7,000,000 bushels of the 1945 flaxseed crop, while imports from South America have not equaled expectations.

The committee recommended that the quota be maintained at 75 percent for the second quarter, even at the risk of a possibly heavier cut in the third quarter than that now contemplated. The committee urged that demand for oil paints by the automotive and other durable goods industries and for the Veterans' Emergency Housing Program is increasing, making any cut disastrous not only to the paint industry but to many other key industries.

The recent amendment of War Food Order No. 124, it was pointed out, cuts inventories to four months' supply. Previously, the order had permitted a physical inventory plus purchases or contracts to purchase oils which would total a twelve months' supply. Twelve months' allowance of oil supplies had been unsatisfactory, it was stated, in face of a demand which far exceeds the first quarter's quota.

A representative of the Fats and Oils Branch of the Department of Agriculture said that his office would take the recommendation under advisement, and that the Civilian Production Administration would be notified in advance of any contemplated change in the quota.

The committee recommended that either the Civilian Production Administration or the Department of Agriculture reinstate the restrictions on sale of whole linseed oil formerly embodied in Order M-332. This would require that linseed replacement-oil meet Federal specification TTO-371, and would prohibit the sale of whole linseed oil for use in thinning down paints. The recommended measure would not include reinstatement of the paint manufacturing restrictions formerly under M-332.

The committee further recommended that paint manufacturers consuming fats and oils in any quantity, however small, in manufacture of protective coatings be no longer exempted from reporting to the Department of Agriculture the amounts consumed quarterly. Users of not more than 15,000 pounds of oil quarterly, or, not more than 20,000 pounds in the case of coatings supplied the U. S. Maritime Commission and the War Shipping Administration, are at present exempted from reporting under agricultural regulation WFO-42a. The amendment was urged in behalf of bettered compliance with the order.

Gould Awarded Borden Co. 1946 Prize

The 1946 Borden Company prize of $1,000 and a gold medal, for research in the chemistry of milk, has been awarded to Dr. Ira A. Gould, jr., pro-

Dr. Ira A. Gould

fessor of dairy manufacturing at the University of Maryland. The award will be presented at the opening of the American Chemical Society's meeting in Atlantic City, N. J., April 8.

Dr. Gould was cited for studies of the chemical changes in milk and milk products, especially those brought about by application of heat in various processes of manufacture. Subsequent studies dealt with the formation and determination of lactic and formic acid in dairy products during production and storage.

Economic Poisons Bill Passes House Group

OPD Washington Bureau

The house committee on agriculture voted a favorable report, March 21, on the Flannagan bill (H.R. 5645) to regulate the marketing of economic poisons and devices in much the same manner that foods and drugs are now regulated under the Food, Drugs and Cosmetic Act. The formal report on the measure is expected to be filed in the house next week. There was no indication when it would be called up for passage.

It is understood that the committee approved the bill, except for two minor changes, in the same form in which it was introduced, March 1, following conferences between the Department of Agriculture and members of the insecticide industry. Unless something unforeseen develops the bill probably will be approved by the house without change.

Int'l Selling Names Brazeau Vice-Pres.

W. F. Brazeau has been named executive vice-president of the International Selling Corporation, New York. He was recently discharged from the Army, where he held the rank of Lieutenant-Colonel, and was on the intelligence general staff. Before entering the service he was manager of International's metal and ore department.

Small Paint Business Supply Hearing Set

OPD Washington Bureau

Commencing April 3, public hearings will be held by a subcommittee of the house small business committee for the purpose of determining whether or not the allocations and quota methods used by the Department of Agriculture are fair and equitable to all classes of producers in the soap and paint industries.

Preliminary investigations of this subject have been underway for the past several weeks subsequent to charges registered with the committee by small soap and paint manufacturers who alleged the existence of discrimination in this field.

Members of the subcommittee are Representatives Estes Kefauver of Tennessee, chairman, J. W. Robinson of Utah and Evan Howell of Illinois.

Recent Imports

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New York Imports

ACID, CRESYLIC—120 dms, Monsanto Chemical Co; 57 dms, Republic Chemical Co; 180 dms, American Cyanamid & Chemical Co; 739 dms
TARTARIC—254 bbls, Enco Chemical Corp
ALCOHOL, CETYL—20 cs
AMBERGRIS—2 pkgs, 50 lbs, Geo Wartenhart
AMMONIA, MURIATE—627 bgs, Philipp Bros
PERSULPHATE—40 kgs, F W Berk & Co
ANTIMONY ORE—3,643 bgs, United States Commercial Co; 618 bgs, Watson, Geach & Co
ARGOLS—577 bgs, Charles Pfizer & Co; 200 bgs, Tartaric Raw Materials, Inc
ARTISTS MATERIAL—26 cs, Winsor & Newton
BUCHU, OVAL—10 bls, National City Bank; 10 bls, E Meer & Co
SHORT—40 bls, National City Bank; 10 bls, E Meer & Co
CANARY SEED—420 bgs, F H Von Damm
CANAIGRE ROOT—14 bgs
CARBON POWDER—38 cks, Morganite Brush Co
CARDAMOM SEED—211 cs, Harold A Southern; 300 cs, W E Martin & Co
CASTOR BEANS—3,400 bgs, Baker Castor Oil Co
CHILLIES—624 bgs, Standard Bank of South America
CLOVES—105 bls, Newhall Co; 400 bls, Mayer & Brow Corp; 400 bls, Levy & Levis Co; 200 bls, Geo Uhe Co
COCILLANA BARK—184 bls, S B Penick & Co
COLOMBO ROOT—32 bgs, Walter L Willner
CREAM OF TARTAR—500 bbls, National City Bank
CUTTLEFISH BONES—34 cs, 1,870 lbs, Merchants Bank; 60 cs, 2,574 lbs, J B De Macedo
DIATOMACEOUS EARTH—1,012 bgs, C B Chrystal & Co
DIVI DIVI—3,100 bgs, Royal Bank of Canada; 6,205 seroons, Curacao Trading Co
DYES, ANILIN—70 bbls, Geigy Co; 12 cks, Sandoz Chemical Works; 33 cyls, Sandoz Chemical Works
DYESTUFF—2 dms, Celanese Corp of America
ERGOT—80 cs, 11,554 lbs, Eli Lilly & Co
FENNEL SEED—22 bgs, J A Horn
FLIES, DRIED—14 bgs
FLINT PEBBLES—82,500 kilos, Buebendorf Bros; 1,070 bgs, Buebendorf Bros; 1,200 bgs, J W Higman & Co
FUSTIC WOOD—156 logs, American Dyewood Co
FLAXSEED—9,735 bgs, United States Commercial Co; 3,913 tons, United States Commercial Co
GLUE, SHEET—200 bgs, Polish Trading Co
GLUESTOCK—50 bls, H Remis & Co; 200 bls, J H Baker & Bro
HIDE—337 bgs, First National Bank of Boston
GRAPHITE—3,500 bgs, Asbury Graphite Mills; 2,500 bgs, C E Pettinos; 3,000 bgs, Karl Pettinos
GREAVES—7,172 cakes, Weaver & Hugi
GUM, CHICLE—264 bls, Mexican Exploitation Co; 768 bls, Bank of New York; 1,918 bls, Chicle Development Co; 449 bls, L A Dreyfus & Co
GUAIAC—20 bgs, Geck Trading Co
LOCUST BEANS—100 bgs, T M Duche & Sons
MASTIC—5 cs, Dem Castalos; 15 cs, G H Linck
PERILLO—10 bls, Chicle Development Co
SANDARAC—161 bbls, Isaac A Levy
STORAX—24 cs, Ungerer & Co
TEXTILE—40 cks, J P Marston & Co
GYPSUM—20 cs, A Gusner, Inc
CRUDE—4,029 tons, United States Gypsum Co
ICTHAMMOL—5 bbls, Roberts & Co
IPECAC ROOT—8 bgs, Richard D Heins; 28 bgs, S B Penick & Co; 65 bgs, Wessel, Duval & Co; 14 bgs, McKesson & Robbins
IRON OXIDE—364 bgs, C J Obsorn & Co
ISINGLASS—2 cs, Lo Curto & Funk
JALAP ROOT—12 bgs, F W Berk & Co; 108 bgs
KYANITE—108 tons, 19 cwt, Golwynne Chemical Co
LAC, BUTTON—100 bgs, Wm Zinsser & Co
REFUSE—500 bgs, Parks & Co
SEED—150 bgs, P N Rawe; 310 bgs, Wm Diehl & Co; 200 bgs, Gillespie-Rogers-Pyatt Co; 300 bgs, United Shellac Corp; 100 bgs, Paul & Stein Bros; 300 bgs, Schwab Bros Corp; 150 bgs, Ralli Bros
SHELL—285 bgs, Wm Diehl & Co; 200 cs, Mac Lac Co; 200 bgs, Parks & Co; 400 bgs, Schwab Bros Corp; 400 bgs, Cornelis & Suhr
LICORICE FLAKES—606 bgs, W E Martin & Co
ROOT—84 bls, W E Martin & Co
LIQUID AMBER—2 dms, Potaks Frutal Works; 4 dms, Fritzsche Bros
LIVER CONCENTRATE—15 cs, Vitamerican Oil Co
MAGNESITE, CALCINED—1,776 bgs, Golwynne Chemical Corp
MANGANESE ORE—1,800 tons, E J Lavino & Co
MANGROVE BARK—510 bgs, J H Brown Agencies; 400 bgs, A Bauman & Co; 14,747 bgs, Bingham & Co; 14,930 bgs, Tannin Product Export Co; 45 bgs, W L Willner; 10,892 bgs, Barkey Importing Co
MENTHOL—50 cs, Ayrton Metal Co
MICA—68 cs, Whittaker, Clark & Daniels; 800 bgs, F D Pitts Co; 1,206 cs, A E Schoenmaker Insulator Co; 18 cs, Cornelis & Suhr
BLOCK—58 cs, Cornelis & Suhr
DISC—26 cs, Cornelis & Suhr
SPLITTINGS—604 cs, Cornelis & Suhr; 275 cs, Wm Brand & Co; 100 cs, J Garneah Co; 120 cs, Whittaker, Clark & Daniels
MUSTARD SEED—264 bgs, 29,304 lbs, Levy & Levis Co; 770 bgs, 76,907 lbs, Webster & Atlas National Bank of Boston; 500 bgs, 55,880 lbs, A G Dunn; 1,000 bgs, 110,000 lbs, R T French & Co; 220 bgs, 21,973 lbs, National City Bank; 660 bgs, 32,960 lbs, Corn Exchange Bank & Trust Co; 880 bgs, 87,894 lbs, Brown Bros-Harrimann Co; 100 bgs, 11,100 lbs, Continental Bank & Trust Co; 100 bgs, 11,100 lbs
MYROBALANS, CRUSHED—417 bgs, Barkey Importing Co
OAK MOSS, RESINOID—1 cs, Norda Essential Oil & Chemical Co
OIL, BASILIC—1 kg, Otto Gerdau Co
CITRONELLA—25 dms, Fruit Dispatch Co; 7 dms, Norda Essential Oil & Chemical Co; 5 dms, Van Ameringen-Haebler, Inc; 64 dms, Harold A Sothern; 18 dms, W J Bush & Co; 2 cs, J Berlage Co; 1 dm, Dodge & Olcott Co; 1 dm, J W Lyon & Co

—Continued on page 55

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Mar. 21, 1946	Mar. 14, 1946	Mar. 23, 1945
135.4	**135.2**	**132.6**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price changes in botanicals and essential oils were heavily weighted on the upside last week; fourteen advances so outweighed twenty-one declines as to tilt the index two points up. Scarcities still bore heavily on the markets—a fact that for some reason did not prevent an extremely large export demand being satisfied by sales whose high total in some respects overshadowed domestic transactions. However, there was nothing the matter with home demand that ample stocks at reasonable prices could not cure.

Forest Products Research Ass'n Planned

A permanent organization of research scientists, technicians and wood-using industries was proposed last week at a nationwide conference on State and Federal forest products research in Madison, Wis., under the sponsorship of the forest service of the Department of Agriculture.

The conference voted overwhelmingly in favor of an organization that will cut across professional and technical fields to provide fuller interchange of information on research findings among science and industry. A committee will meet in May to lay final plans for the organization.

The committee will contact leaders of the forest products industries in order to give them a voice in the making of the plans for the organization.

Pfizer & Co. Opens San Francisco Office

Chas. Pfizer & Co., manufacturing chemists, New York, has established a West Coast branch office at San Francisco. Robert G. Von Bernuth, who has been with the company since 1934, and associated with the New York office since 1936, has been appointed manager of the new branch.

The San Francisco office is the first branch established by the company since it opened its Chicago office in 1883.

Late Markets

Coke By-Products

Estimates of by-product cokeoven operations in the week ended March 16 indicate the following output of by-products from that source:—

Ammonia liquor NH_3	lbs.	887,121
Ammonia sulphate	lbs.	22,971,775
Benzol	gals.	2,804,817
Coaltar	gals.	10,738,838
Creosote oil	gals.	597,640
Naphthalene	lbs.	14,193,942
Phenol	lbs.	168,086
Toluol	gals.	578,963
Xylol	gals.	130,734

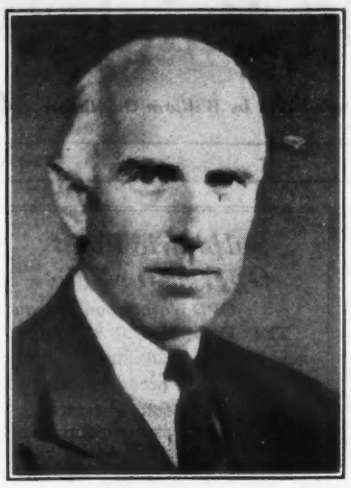
Patchouli Oil Arrives Here

While no further price developments occurred in the market for essential oils late in the week, the arrival of five drums of patchouli oil from Mombasa was of special interest, since material has been long absent from the market. Another shipment amounting to 22 pots of palmarosa oil reached here from Mombasa, and 33 drums of cinnamon leaf oil.

Sales of Fish Scrap

Baltimore, March 22.—Just when it appeared that decided quiet would rule in the market for fish scrap for some time to come, first sales were made during the past week, when a broker sold 25 cars on a when-and-if-made basis at the established ceiling of $1.21 a unit of protein for shipment to the Middle West. This transaction is also based upon the condition that the OPA regulation will govern.

Named Medical Head



Dr. Lawrence W. Smith, pathologist, has been named medical director for Commercial Solvents Corporation, New York. He was formerly professor of pathology at Temple Universitys school of medicine.

Georgia RR Rate Case in High Court

Georgia's suit against the nation's railroads charging them with rigging their freight rates to prevent the development of industry in the South was laid before the Supreme Court of the United States March 18. Special Master Lloyd Garrison, appointed by the court to take the testimony in the case, presided over the four-hour hearing.

The railroads will begin presentation of their evidence to deny the charges the State at a hearing to be held in New York June 4, which is scheduled to run for four to six months. They have entered a general denial of the claims which they will support with specific testimony at the New York hearings.

The hearings before Mr. Garrison, which ordinarily would have taken months to present, followed a procedure that has been used on only two prior occasions by the court. Whereas the usual practice is to submit oral testimony on each point raised in the complaint, counsel for Georgia offered a whole carload of letters, schedules, and rate books at once and added a brief which referred to the parts they thought were important.

Objections to the evidence on the grounds that it went far beyond the case which the court had agreed to hear were entered by Hugh B. Cox, counsel for the Pennsylvania and other Northern roads. He claimed that the rates are fair and are not fixed by any unlawful agreement, as Georgia claims.

Quebracho Extract Ceiling to Be Raised

A revision of the maximum price regulation providing ceilings on quebracho extract in order to meet the rising world price is under consideration by the Office of Price Administration.

Officials met with importers of quebracho, March 13, for a discussion of the price situation and said that it appeared necessary that some revision be made in the regulation to ease the price squeeze now facing the importers. They said they hoped to get the revision out as soon as possible, but could not indicate now the date of its effectiveness.

Chemical Industry Target of CIO Drive

A $1,000,000 organizing drive to bring some 1,500,000 non-union Southern workers into the union of the Congress of Industrial Organizations, was approved last week at a two-day meeting of the CIO executive board.

Philip Murray, CIO president, said that the drive will be concentrated in such industries as chemicals, oil, rubber, textiles and wood working, and among a "substantial number" of white-collar workers.

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Chrome Green Paint Specification Proposed

OPD Washington Bureau

The National Bureau of Standards has issued a proposed revision of the Federal specification TT-P-71a for paint; ready-mixed exterior, chrome-green.

The purpose of the proposed revision is to combine the information in the basic specification TT-P-71a, dated April 9, 1941, and the information in Amendment-2 dated February 17, 1945, into one revised specification, but with some improvements in quality. The revised specification, when approved, will have the symbol TT-P-71b.

Suggestions and criticisms must be received not later than April 20, by E. F. Hickson, chairman, Technical Committee on Paints and Varnishes, Federal Specs. Board.

Rubber Program Continuance Asked

OPD Washington Bureau

Falling estimates of the amount of natural rubber which may be imported by the United States this year and in 1947 brought recommendations from the Inter-Agency Policy Committee on Rubber to the President and Congress this week that provision be made for continuation of the general-purpose synthetic rubber program in this country during the remainder of 1946 and 1947, at a high level of production.

According to estimates of the committee, the United States will have need for as much as 600,000 tons of synthetic rubber this year and 425,000 tons in 1947. Imports of natural rubber are tentatively estimated at 250,000 to 300,000 tons in 1946 and 450,000 tons in 1947. Total rubber consumption in the United States for 1946 and 1947 was estimated at 903,000 tons and 875,000 tons respectively.

Difficulties of meeting the needs for rubber this year are causing the greatest concern to officials. Although the report shows probable imports of from 250,000 to 300,000 tons, present indications are, it is stated in other quarters, that this level may be nearer to 225,000 tons as imports thus far have not been up to expectation.

The fact that import forecasts are showing signs of not being fulglled is the reason, it is explained, that decision was made last month to resume operations of the government-owned plant at Institute, W. Va., for the production of butadiene from alcohol. Operation of the plant got underway March 15. It is to be run on a month-to-month basis, using alcohol from the government's stockpile which amounts to approximately 70,000,000 gallons from which 50,000 to 60,000 tons of rubber can be produced.

According to the Inter-Agency report, existing facilities for production of petroleum butadieneplus one plant for production of alcohol-butadiene will be sufficient to produce 600,000 tons of synthetic rubber a year.

While no firm estimate can be made of future prices, the report anticipated that the price of GR-S rubber (general purpose synthetic) may eventually approximate 15c. to 16c. a pound. It has been produced as low as 11 cents, excluding provision for amortization, depreciation, obsolescence, profit, and certain administrative expenses. It is being sold by the government at 18½ cents as against 22½ cents for natural rubber.

Hide Glue Ceiling Adjustments Permitted

Manufacturers may apply for individual adjustments in their ceiling prices for hide glue to allay a general shortage of this commodity whenever greater production costs make such action necessary to remove an impediment to supply, the Office of Price Administration has announced. This action, effective March 25, places limits on the amounts of any price ceiling increase that may be granted.

No adjustment will be allowed unless the supply of hide glue cannot be maintained otherwise. OPA said that in appropriate cases a compensatory decrease may be required in the ceilings of other products made by the same manufacturer obtaining an adjustment in his ceiling price for hide glue. Ceiling prices of jobbers who buy hide glue at a higher ceiling price may also be adjusted when shown to be necessary.

Lemongrass Oil Ban On Exports Removed

OPD Washington Bureau

Restrictions on exports of lemon grass oil to Argentina have been removed by the Office of International Trade of the Department of Commerce and this product may now be exported under general license to all destinations in group "K" countries, it was announced March 18.

The department also announced that distilled or expressed natural essential oils, guayule seed and nickel oxide also have been removed from the "positive" list and may now be exported under general license to Group "K" destinations. The revisions, contained in Current Export Bulletin No. 320, are effective immediately.

CPA Drugs Chief

Henry W. Heine has been appointed chief of the drugs section of the alcohol, aromatic and drug branch of the chemicals division of the Civilian Production Administration.

Chemical Plants For Sale or Lease

The War Assets Corporation is offering for lease or sale the following plants:—

Government-owned Office of Scientific & Research Development at California Institute of Technology, Pasadena, Calif.

Semi-finished silica gel, located in Curtis Bay, Maryland, and operated by the Davison Chemical Corporation.

Chrome reduction plant, 15 miles southeast of Marshfield, Oregon, operated by Krome Company.

For aluminum reduction plants with individual plant costs and annual production capacities of: — Riverbank, Calif., $11,808,000, 96,000,000 pounds; Torrance, Calif., $24,566,000 160,000,000 pounds; Troutdale, Oregon, $18,718,000, 128,000,000 pounds; Massena, N. Y., $20,383,000, 96,000,000 pounds.

Import Maximum Price Regulation Revised

OPD Washington Bureau

The long-awaited revision of the Maximum Import Price regulation, which would permit importers to again bring material into the country at ceiling prices that will enable the material to be distributed without loss, was issued March 19 by the Office of Price Administration. The new regulation becomes effective March 25.

Importers who have found it impossible to bring in materials because of the limited relief provided in the original import regulation to meet rising world prices for scarce materials, will have an opportunity to discuss the new regulation with officials of the OPA in New York city March 27.

The agency has scheduled an all-day meeting on the new regulation at which all importers are invited. The meeting was arranged by the National Council of American Importers and will start at 10 a.m. in the Astor hotel. The morning session will be devoted entirely to the import provisions governing cotton and rayon textiles, apparel and apparel accessories, while the afternoon session will deal with import ceilings on other commodities and general problems.

Harold V. Webber, price executive, and Robert H. Frazier, chief counsel of the Export-Import Office of the OPA, will explain the revised regulation and answer any questions.

The regulation is designed to provide simpler methods for determining ceiling prices on sales of imported commodities not already covered by existing specific commodity regulations in order to meet the needs of expanding foreign trade conditions during the postwar period.

Most commodities coming under the regulation will have ceilings automatically determined by the seller according to a general pricing formula, which allows him a markup over current cost of acquisition. This general pricing formula is set forth in section 3 of the regulation as follows:—

Maximum prices on sales of any commodity imported after March 31, 1942 . . . by any seller to any particular class of purchasers shall be determined by the seller as follows:—

(a) By taking the total of:—

(1) His cost of acquisition, plus

(2) (i) His dollars-and-cents markup per unit used for the same imported commodity, or, alternately,

(ii) 75 percent of his percentage markup per unit, used for the same class of imported commodity;

On his last delivery or offer of delivery to the same class of purchasers while acting in the same capacity between January 1, 1939, and March 31, 1942.

This general rule does not apply to imported commodities already provided with ceilings which can be determined under another regulation, nor to firewood from Canada, lumber and forest products, beverages, and animal and poultry feed.

Sellers unable to price under the general formula, either because they are specifically excepted or because they had no customary markup prior to March 31, 1942, apply to OPA's national office for authorization of a special ceiling price, suggested by the seller. The OPA said no undue delays will be caused by this requirement as a ceiling properly suggested by the applicant will be considered automatically approved unless within 20 days the seller is notified to the contrary or further information has been requested.

'Big Inch' Pipeline Bid Submitted

OPD Washington Bureau

Trans-Continental Gas Pipe Line Company, Ltd., of Longview, Tex., has offered War Assets Corporation $40,000,000 for the "Big Inch," "Little Inch" and the Southwest Emergency pipelines and proposes to spend an additional $40,000,000 to convert the lines to the transportation of natural gas to Pennsylvania, New Jersey and New York.

The Federal Power Commission, which disclosed the offer of the company, said also that the company had made application to FPC for authority to convert the pipelines, if its bid is acceptable to War Assets Corporation. If the bid is not acceptable, the company sought permission from the commission to build a comparable pipeline system for gas transportation. This would be a 26-inch pipeline of a full load capacity of 300,000,000 cubic feet per day from Corpus Christi, Texas to Linden, New Jersey. It would cost an estimated $80,000,000.

The gas to be transported to the East will be obtained from reserves in Harleton, Panola, Jefferson and South and Southwest Texas gas fields, the application stated. Trans-continental says that it now has options for purchase of 200,000,000 cubic feet of natural gas per day and is negotiating for options on the purchase of additional gas to supply adequately the maximum capacity of the line for a period of thirty years.

Washington Talks It Over

The OPD Observer

A much more aggressive program of price decontrol than has heretofore been followed by the OPA is being made ready by the agency. Officials recognize that production is increasing in many lines and will soon increase in all but a few lines, and they also are aware of the increased responsibility for prompt adjustment action which Executive Order 9697 placed upon their shoulders with respect to changes in ceiling prices which the new wage-price policy will necessitate if individual firms are not to suffer.

The agency has always operated under a heavy workload which has delayed prompt action in numerous important cases. Recognizing this to be the situation and the cause of much of the complaint against the agency, Price Administrator Paul Porter has directed the various divisions to start cutting down on the number of products and lines that can be handled by the agency most efficiently, due consideration being given to supply conditions in the particular commodity or line.

Evidence of the greater accent being placed upon decontrol was the announcement recently of the intentions to suspend price ceilings on petroleum and petroleum products. And as the fight over continuing the OPA rages in Congress more actions on this line can be expected.

Farm Bloc After Anderson

Secretary of Agriculture Clinton Anderson's relations with the Congressional farm bloc have sunk to a low level in recent weeks and Washington begins to hear rumors that he soon may be on the way out. Rumblings of discontent have been coming from the bloc for sometime over the way Anderson has been handling the farmers' problems, but the real blow-off came at a secret dinner this week of State Agricultural Commissioners and the lawmakers.

Speakers were reported to have pulled no punches in expressing their discontent with the actions of the Secretary. Charges ranged all the way from the mild criticism that "he is no friend of the farmers' to an outburst that he has become "the Charlie McCarthy of Bowles and the PAC." Even Mr. Anderson's friends admit that there is a serious rift between the Secretary and the farm group.

The two things that have been most damaging to the Secretary's relations with the bloc is his reported opposition to the Pace bill to have farm wages given greater weight in computing parity prices, and his failure to head off the recent action of Bowles in raising the trading margin on cotton.

Freight Car Shortage

The danger of a freight car shortage, according to those closest to the picture is greater now than at any time during the war. This is due primarily to the widespread adoption of the five-day week, which has in effect, removed 110,000 cars weekly from circulation, and to a general relaxation of effort in prompt and complete loading and unloading of cars, resulting in an average turnaround period of 17 days per car instead of 13 days attained at the peak of wartime efficiency.

It is asserted that but for the interruptions to normal traffic demands due to strikes a shortage would have occurred before now. Shippers, consignees and all others concerned are urged to renew and intensify their efforts to keep the cars moving with full loads.

Consumer Goods Ceiling

The Office of Price Administration admits that it made a mistake in its formula for establishing ceiling prices on consumer goods made by newcomers and has just taken steps to correct

—Continued from page 32

Scarce Materials Allocation Rule Extended

OPD Washington Bureau

Provisions of the second war powers act providing the President with authority to allocate scarce materials were extended until March 31, 1947, by the house, March 18, when it voted its approval of H.R. 5716.

As originally reported to the house, the bill would extend the allocation authority until June 30, 1947, but committee members explained that this was an error in drafting the legislation as it was intended that only the allocation authority over building materials should be extended for twelve months. The present law expires June 30, next.

The bill now goes to the senate for concurrent approval where officials of the Civilian Production Administration and the Office of War Mobilization and Reconversion are expected to renew their appeals that all of the allocation authority be extended until June 30, 1947.

Need AMINES?... ask CSC

Commercial Solvents produces the following aliphatic amines:

MONOMETHYLAMINE

Used in explosives, photographic chemicals, dyes, textile specialties, and certain classes of pharmaceuticals. Supplied in a 30%-31% aqueous solution.

DIMETHYLAMINE

Used in rubber accelerators, rubber latices and emulsions, dyes, flotation agents, soaps, cleaning compounds, disinfectants, and germicides. Available as a 25%-26% aqueous solution.

TRIMETHYLAMINE

A reaction chemical useful in the manufacture of disinfectants, flotation agents, pharmaceuticals, and numerous other related products. Supplied only in 25%-26% aqueous solution.

ISOPROPYLAMINE

Used as a solvent, a reaction medium, and as a raw material for synthesizing dyestuffs, pharmaceuticals, insecticides, bactericides, photographic chemicals, textile specialties, rubber chemicals, and surface-active agents.

Available in a 98%-100% grade and as a 50%-54% aqueous solution.

- *2-AMINO-1-BUTANOL
- 2-AMINO-2-METHYL-1-PROPANOL
- 2-AMINO-2-METHYL-1,3-PROPANEDIOL
- *2-AMINO-2-ETHYL-1,3-PROPANEDIOL
- *TRIS(HYDROXYMETHYL)AMINOMETHANE

*Available in experimental quantities only.

These are the five Aminohydroxy derivatives of the Nitroparaffins . . . used in the production of paints, leather dressings, textile specialties, metal polishes, floor waxes, detergents, pharmaceuticals, cosmetic creams, and lotions.

Technical information concerning CSC Amines will be sent gladly on request.

COMMERCIAL SOLVENTS *Corporation*

17 East 42nd Street, New York 17, N.Y.

OPD—3-25-1946

Federal Specification Board Holds Meeting

OPD Washington Bureau

The first joint meeting of the Federal Specifications Board and the chairmen and members of its seventy-two technical committees was held March 19 at the Government Auditorium here for a discussion of some of the problems facing government and industry in procuring supplies in peacetime. Clifton E. Mack, director of the Procurement Division of the Treasury Department, acted as chairman of the joint meeting attended by some 690 members.

Purpose of the meeting, it was explained by Mr. Mack, is to bring about a closer working relationship between the board and the technical committees and between the technical committees and industry and also to review some of the problems of purchasing specifications with the purchasing job.

Howard Coonley, who has just been appointed the chairman of the industry advisory council of the Federal Specifications Board, addressed the meeting on industry interest and participation in Federal specifications. Mr. Coonley is chairman of the executive committee of the American Standards Association and was former director of the Conservation Committee of the War Production Board.

He pointed out that the war brought about the greatest teamwork between industry and government ever known and stressed the need for that same degree of cooperation in peacetime in view of the huge production problem facing the country not only in meeting domestic needs but also the needs of the devastated nations of Europe.

Mr Coonley said here is no fundamental reason why government and industry specifications should not be the same, except for military requirements, and expressed the belief that unless specifications are synchronized and simplified industry will have difficulty meeting the production needs of the country.

He announced to the meeting that the advisory committee on standards had just recommended to Secretary of Commerce Henry Wallace that the department devoted itself largely to re-

—Continued on page 40

Agricultural Chemistry Chief May Retires

OPD Washington Bureau

Dr. O. E. May, chief of the Bureau of Agricultural and Industrial Chemistry, has resigned, effective March 31, and will be succeeded by Dr. L. B. Howard, assistant chief of that bureau, P. V. Cardon, Agricultural Research Administrator, has announced. Dr. May is leaving the Department of Agriculture to become associated with Coca-Cola Company in an executive capacity.

Dr. May rose from the ranks in the department, where he has served for the last twenty-three years. He began as an assistant in a laboratory and was promoted successively until he became chief of the bureau. He was the first director of the Soybean Products Laboratory at Urbana, Ill., and the first director of the Northern Regional Research Laboratory at Peoria, Ill. Prior to appointment as chief of BAIC, he was coordinator of chemical research for the Agricultural Research Administration.

Dr. Howard has been associated with the Bureau of Agricultural and Industrial Chemistry for fourteen years. He was assistant to Dr. May at the Northern Regional Research Laboratory. Later he was head of the Commodity Byproducts Division of the Western Regional Research Laboratory at Albany, Calif. He became assistant chief of the bureau last November.

WAC Drafting Rules For Less $100 Items

OPD Washington Bureau

Surplus items worth less than $100 account for more than 50 percent of the total inventory of surplus property and constitute the major paper work bottleneck to quick disposal, a War Assets Corporation analysis has disclosed. New regulations to break this bottleneck by permitting the army and other owning agencies to dispose of these small lots of goods are now being drafted, WAC said.

Elected Chairman

M. J. Rentschler, of Barium & Chemicals, Inc., Willoughby, Ohio, has been elected chairman of the Cleveland section of the American Chemical Society for 1946. He was chairman of the section in 1926. Other 1946 officers elected are Dr. R. Hatfield, of National Carbon Company, New York, chairman-elect, and F. B. Dutton, of Baldwin-Wallace College, Berea, Ohio, secretary-treasurer.

Chemical Frontiers Are Gibson Island Topic

This year's Gibson Island conferences under the sponsorship of the American Association for the Advancement of Science will be held June 17 to August 24. They will be devoted to the general topic, "Frontiers in Chemistry," and will be under the general chairmanship of Sumner B. Twiss.

The weekly group meetings will be as follows:—

Cancer:—Chairman, H. P. Rusch; vice-chairman, A. M. Brues; August 12 to 16.

Catalysis:—Chairman, H. H. Storch; vice-chairman, W. G. Frankenburg; June 24 to 28.

Corrosion:—Chairman, H. H. Uhlig; vice-chairman, K. G. Compton; July 15 to 19.

Food and nutrition:—Chairman, H. J. Almquist; vice-chairman, Lawrence Atkin; August 5 to 9.

Instrumentation: — Chairman, R. D. Webb; vice-chairman, C. O. Fairchild; August 19 to 23.

Medicinal chemistry:—Chairman, H. A. Shonle; vice-chairman, E. H. Northey; July 22 to 26.

Organic high polymers:—Chairman, C. S. Fuller; vice-chairman, C. C. Price; July 1 to 5.

Petroleum chemistry:—Chairman, S. S. Kurtz, jr.; vice-chairman, P. D. Bartlett; June 17 to 21.

Textiles:—Chairman, D. H. Powers; vice-chairman, W. A. Sisson; July 8 to 12.

Vitamins:—Chairman, N. B. Guerrant; vice-chairman, D. W. Woolley; July 29 to August 2.

Surgical Trade Ass'n Fined in 'Trust' Suit

The American Surgical Trade Association and twenty-four surgical supply companies last week were fined a total of $17,000 in Federal district court, Philadelphia, on charges of violating anti-trust laws. The trade association was fined $5,000 and the firms $500 each, when they pleaded no defense to charges that through the association they controlled sale of about 95 percent of all surgical supplies.

Industrial Applications of Chemicals and Related Materials

"Where You Can Sell"

Fully Protected by Copyright

2-Aminodiphenylamine

Dye—Reactant in making dyestuffs. Starting point (Brit. 495395) in making red-to-brownish, sulphonated dyestuffs for wool, with the aid of isatin, halogenated isatins, napthisatin

2:6-Diaminopyridin Monohydrochloride

Chemical—New compound available for experimental purposes.

Gilbert to Receive Schoellkopf Medal

Dr. Harvey N. Gilbert, director of sodium and cyanide products research at E. I. du Pont de Nemours & Company's electrochemicals department,

Dr. H. N. Gilbert

Niagara Falls, N. Y., has been awarded the Jacob F. Schoellkopf Medal of the American Chemical Society's Western New York Section. Dr. Gilbert was cited for his contributions to the production, handling and application of metallic sodium and derived products, and also for his contribution to metal descaling practice through the development of a novel process utilizing sodium hydride.

The gold medal, awarded annually for outstanding service to chemistry, will be presented to Dr. Gilbert at a meeting on May 21.

API Appoints Farm Research Committee

The American Petroleum Institute has appointed a twelve-man agricultural development committee to undertake a program designed to be of mutual benefit to both petroleum and agriculture.

Studies will be made of farm mechanization problems, farm oil plastics and chemicals, soil conservation and the maintenance of fertility, and the use of insecticides, fungicides, weed destroyers and similar petroleum products.

George Krieger, in charge of farm research for Ethyl Corp., New York, is chairman of the committee.

2-Ethoxy-1-naphthaldehyde

Chemical—New compound available for experimental use.

Methyl Betaisobutoxyisobutyrate

Adhesives—Plasticizer (U.S. 2128208) in adhestive compositions containing resins or cellulose derivatives.

Ceramic—Plasticizer (U.S. 2128208) in compositions, containing resins or cellulose derivatives, used as coatings for protecting and decorating ceramic products.

Chemical—Plasticizer (U.S. 2128208) for cellulose derivatives.

Cosmetic—Plasticizer (U.S. 2128208) in nail enamels and lacquers containing resins or cellulose derivatives as base material.

Electrical—Plasticizer (U.S. 2128208) in insulating compositions, containing resins or cellulose derivatives, used for covering wire and in making electrical machinery and equipment.

Glass—Plasticizer (U.S. 2128208) in compositions, containing resins or cellulose derivatives, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware.

Leather—Plasticizer (U.S. 2128208) in compositions, containing resins or cellulose derivatives, used in the manufacture of artificial leather and as coatings for protecting and decorating leather and leather goods.

Metal Fabrication—Plasticizer (U.S. 2128208) in coating compositions, containing resins or cellulose derivatives, used for protecting and decorating metallic articles.

Miscellaneous — Plasticizer (U.S. 2128208) in coating compositions, containing resins or cellulose derivatives, used for protecting and decorating articles of various kinds.

Paint, Varnish, and Lacquer—Plasticizer (U.S. 2128208) in paints, varnishes, lacquers, enamels, and dopes containing resins or cellulose derivatives.

Paper—Plasticizer (U.S. 2128208) in compositions, containing resins or cellulose derivatives, used in the manufacture of coated papers and as coatings for protecting and decorating articles made of paper or pulp.

Photographic—Plasticizer (U.S. 2128208) in making films from cellulose derivatives.

Plastics—Plasticizer (U.S. 2128208) in making laminated-fiber and molded articles, and plastics from or containing resins or cellulose derivatives.

Resins—Plasticizer (U.S. 2128208) for resins.

Rubber—Plasticizer (U.S. 2128208) in compositions, containing resins or cellulose derivatives, used as coatings for protecting and decorating rubber goods.

Stone—Plasticizer (U.S. 2128208) in compositions, containing resins or cellulose derivatives, used as coatings for decorating and protecting artificial and natural stone.

Textile—Plasticizer (U.S. 2128208) in compositions, containing cellulose derivatives or resins, used in the manufacture of coated fabrics.

Wood—Plasticizer (U.S. 2128208) in compositions, containing resins or cellulose derivatives, used as protective and decorative coatings on woodwork.

Association Meeting Dates

American Chemical Society, Convention hall, Atlantic City, N. J., April 8.

American Drug Manufacturers Association, Cavalier hotel, Virginia Beach, Va., May 6-9.

American Foundation for Pharmaceutical Education, New York, April 1.

American Spice Trade Association, Astor hotel, New York, May 6-8.

American Trade Association Executives, Ritz-Carlton hotel, Atlantic City, N. J., April 29.

American Tung Oil Association, San Carlos hotel, Pensacola, Fla., April 26-27.

Chamber of Commerce of the United States, Convention hall, Atlantic City, N. J., April 30-May 2.

Interstate Oil Compact Commission, Tulsa hotel, Tulsa, Okla., April 11-13.

National Wholesale Druggists Association, Palmer House, Chicago, April 17-18.

Packaging Exposition, Convention hall, Atlantic City, N. J., April 2-5.

Packaging Machinery Manufacturers Institute, Convention hall, Atlantic City, N. J., April 1.

Plastic Exposition, Grand Central Palace, New York, April 22-27.

Society of Chemical Industry, American Section, Roosevelt hotel, New York, April 4.

Society of the Plastics Industry, Commodore hotel, New York, April 23-24.

Society of the Plastic Industry, Pacific Coast Section, Hollywood Roosevelt hotel, Hollywood, Cal., March 26-27.

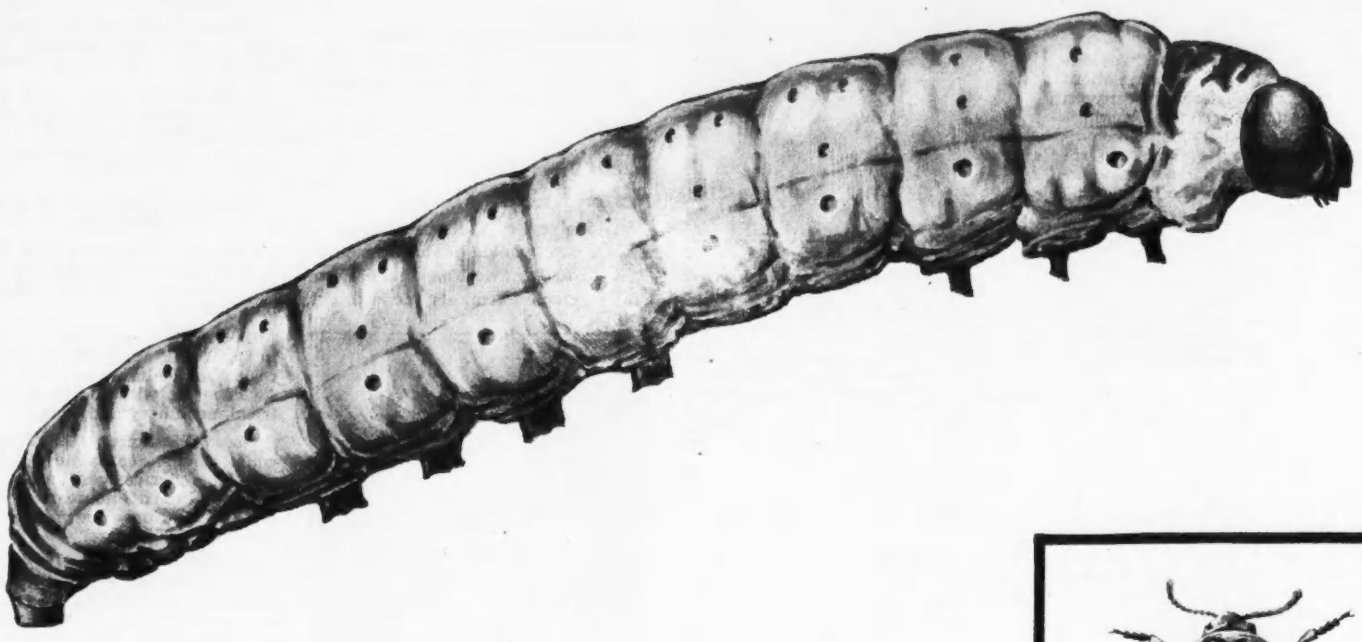
Toilet Goods Association, Waldorf-Astoria hotel, New York, May 15-17.

Motor Gasoline Specification Approved

OPD Washington Bureau

A new motor gasoline specification, recently developed by the Technical Committee on Lubricants and Liquid Fuels of the Federal Specifications Board to replace the "Proposed Federal Specification for Motor Fuel A," has been approved for use by the Director of Procurement. It has been issued as a Treasury Department, Procurement Division Specifications, and is designated as "Motor Fuel M."

CODLING MOTH—causes millions in annual damage to apples and other fruits



Baker's DDT

(Dichloro-diphenyl-trichloroethane)

FOR HORTICULTURAL USES

Three of the most costly agricultural crop pests are the codling moth, the Colorado potato beetle and the Japanese beetle. Experiments with DDT for the control of these horticultural pests have shown promise. In preliminary tests to control the codling moth, one-half to one pound of DDT was used per 100 gallons of spray, with good results.

Tests in the agricultural field, to be conclusive, generally require several growing seasons. As a result, only tentative formulation recommendations have been made pending further research.

For those companies who desire to consider the use of DDT for the control of horticultural pests or any other pests, write the J. T. Baker Chemical Company for our DDT Bibliography.

Baker's DDT is a fine crystalline powder and is available in 25, 50, 100 and 200 pound containers. It has a minimum setting point of 89° C. Write for prices. Tell us your requirements. Address J. T. Baker Chemical Company, *Executive Offices,* Phillipsburg, N. J.

COLORADO POTATO BEETLE

CODLING MOTH

JAPANESE BEETLE

Baker's Chemicals

C. P. ANALYZED • FINE • INDUSTRIAL

Current Market Quotations Chemicals and Related Materials

March 21, 1946

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde, 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gals., works....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs. .....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs. .....lb. .35 - .37

Acetic anhydride, dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —

Acetoacetanilide, bbls., dms...lb. .49 - .67

Acetone, CP,[1] dms., c.l., divd.lb. .07 - —
l.c.l., divd.....lb. .07½- —
tanks, divd.....lb. .06 - —

Methyl (see M).

Acetonitrile, dms., c.l., works..lb. .35 - —
l.c.l., works.....lb. .40 - —
5-gal. lots, works.....lb. .45 - —
less than 5-gal. lots, works..lb. .50 - —

Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms. .....lb. 1.08 - 1.10

Acetophenone, cns., dms.....lb. 1.50 - 1.75

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks..lb. .07½- —

Acetic,[1] com'l or redist., 28%, bbls..100 lbs. 3.38 - 3.63
50%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works, 100 lbs.12.50 -13.25
99.5%, bls.....100 lbs. 9.15 - 9.40
tanks .....100 lbs. 6.93 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
30%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.25 - 9.51
USP, 36%, cbys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic anhydride (see Acetic anhydride).

Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots.....lb. .46 - .59
standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), bbls., same basis. lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .26½- —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —

Arsenous, tech. (see Arsenic, white).
USP, powd., dms., kgs.....lb. .20 - .22

Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
25-50 kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo lots.....kilo.26.41 - —
500 grams.....kilo.27.47 - —

Battery, cbys., c.l., E. works.. 100 lbs. 1.60 - —
l.c.l., E. works.....100 lbs. 1.95 - 2.55

Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,999 lbs.....lb. .44 - —
999 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,999 lbs.....lb. .55 - —
999 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,000 lbs.....lb. .56 - .57
999 lbs. or less.....lb. .58 - .59

Betaoxynaphthoic, bbls., works. lb. .95 - —

Boric, tech., 99.5% cryst. (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton. 95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —
USP $25 per ton higher.

Butyric, 90%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —

Broener's bbls.....lb. 1.11 - —

Cacodylic, bots.....lb.13.50 -14.50
Camphoric, cns.....lb. 6.95 - 7.00
Caprylic, 99%, dms.....lb. No stocks
Capric, tech., ret. dms.....lb. No stocks
Castor oil,[1] split, ret. dms...lb. No stocks
Chlorosulphonic, dms., c.l., works..lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic, 99½-99¾%, dms., c.l., lb. .17 - —
l.c.l. .....lb. .17½- .19
Cinnamic, refd., bots.....lb. 3.00 - 3.25
Citric, anhyd., gran., dms., c.l..lb. .22½- —
l.c.l., 10,000 lbs. 1 ship't. lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs. .....lb. .23½- .26½
USP, cryst., gran., bbls., c.l. lb. .20 - —
l.c.l., 10,000 lbs. 1 ship't, lb. .20½- —
smaller lots, bbls...lb. .21 - —
dms. .....lb. .23 - .24
kgs. .....lb. .21½- —
powdered citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1] dist., dms.....lb. .17½- .19½
Corn oil,[1] s.d., dms., c.l., wks. lb. .12 - —
Cottonseed oil,[1] s.d., dms., c.l. c.l..lb. .12 - .13
tanks, divd.....lb. .11¼- .12¼
Cresylic, dom. coaltar, high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
Petroleum, heavy grade (247°-298°), dms., 20, Cal. ref..gal. .490 - —
Sewaren, N. J., ref.. gal. .516 - —
1-19, Cal. ref.....gal. .510 - —
Sewaren, N. J., ref.. gal. .636 - —
tanks, divd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .690 - —
medium grade (220°-246°), dms., 20, Cal. ref..gal. .50 - —
Sewaren, N. J., ref.. gal. .636 - —
1-19, Cal. ref.....gal. .570 - —
Sewaren, N. J., ref.. gal. .696 - —
tanks, divd.....gal. .646 - —
Crotonic, bbls., Canadian, wks., lb. .25 - —
Dichlorophenyoxyacetic, fib. dms., c.l., works..lb. .80 - —
l.c.l., works.....lb. .85 - .95
Salt, fib., dms., c.l., works..lb. 1.00 - —
l.c.l., works.....lb. 1.10 - 1.20
Diethylbarbituric (see Barbital).
F (see Acid, monosulphonic).
Formic, 85%, cbys., c.l., wks.lb. .10 - —
l.c.l., works.....lb. .10½- .11
90%, cbys., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - .11½
Fumaric, tech., bbls., dms..lb. .27 - .31
Gallic, NF V, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.22 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls....lb. .12 - —
dmjn. .....lb. .21 - .23
kgs. .....lb. .14 - .15
Glutamic hydrochloride, dms. lb. 2.00 - 2.40
Glycolic (see Acid, hydroxyacetic).
H, bbls.....lb. .43½- .45
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, medicinal, 48%, cbys., dlvd.E..lb. .45 - —
tech., 48%, cbys., same basis. lb. .45 - —
34%, cbys., same basis.....lb. .35 - .37
Hydrochloric (see Acid, Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.00
NF, dilute, 2%, 5-lb. bots..lb. .30 - .34
Hydrofluoric, anhyd., cyls., wks. lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works..lb. .08 - .09
48%, rubber dms., works..lb. .12 - —
52%, rubber dms., works..lb. .12½- —
60%, rubber dms., works..lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return, Phila..lb. .084 - —
tanks, Belle, W. Va., acid basis..lb. .08½- —
Hypophosphorous, USP, djns. lb. .75 - .77
Lactic, edible, 50%, cbys., 20 or more..lb. .12½- —
smaller lots.....lb. .13 - .13½
80%, bbls., 5 or less.....lb. .24¼- .24¾
plastic grade, 50%, bbls., cbys., 20 or more..lb. .14¼- —
10 or less.....lb. .14¾- .15¼
80%, bbls., cbys., 5 or less. lb. .26 - .26¼
tech., dark, 22%, bbls. c.l., works..100 lbs. 2.90 - —
l.c.l., works....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works... 100 lbs. 6.30 - —
l.c.l., bbls., works.... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works....100 lbs. 4.15 - —
cbys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XII, 85%, cbys.....lb. .54 - .57
USP XVII, 75%, cbys.....lb. .52 - .55

Lauric, dist., 95%, dms.lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[1,7] light, dms...lb. .21½- .23
Maleic, powd., dms.....lb. .30 - —
Anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP, dms., 1,000 lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic,[1] kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., flakes, 96-97%, dms..lb. .16½- —
purified, flake, 99%, dms...lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., E. works....100 lbs. 1.75 - 2.45
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works.... 100 lbs. 175 - —
tanks, E works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys. extra..lb. .08 - —
6-lb. bots., extra.....lb. .10 - —
dealers, cbys. extra....lb. .06½- —
6-lb. bots., extra.....lb. .08½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic, 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms., extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic, USP, dms.....kilo. 6.50 - 6.60
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E., works.100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys. extra..lb. .13 - —
7-lb. bots., cs., extra, lb. .15 - —
dealers, cbys. extra....lb. .11½- —
7-lb. bots., cs., extra..lb. .13½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[2] white, dist., dms..lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., works..lb. .80 - —
Peanut oil,[1] s.d., tanks, works, lb. .11¼- —
Phenylacetic, bots.....lb. 1.65 - 1.85
Phosphoric, food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., c.l., works, frt. equald..100 lbs. 4.35 - 4.60
l.c.l., works, frt. alld., 100 lbs. 5.25 - 7.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., c.l., works, frt. equald..100 lbs. 5.10 - 5.35
l.c.l., frt. alld....100 lbs. 7.00 - 9.50
tanks, works, frt. equald., 100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10½- —
10 cbys. to c.l.....lb. .11½- —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10½- —
25 cbys. to c.l.....lb. .11½- —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
dilut., 10%, cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - 2.03
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, dms., divd. E.. gal. .30 - —
Ricinoleic, com'l split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l...lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1] s.d., dms., works. lb. .11¾- .16½
tanks, works.....lb. .11 - .15¾
Stearic,[1] double pressed, bgs., c.l., divd. E. Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., divd., lb. .16¾- —
single pressed, bgs., c.l., divd. E. of Rockies..lb. .15¾- —
W. of Rockies.....lb. .16¾- —
Texas and Okla., divd., lb. .15¾- —
triple pressed, bgs., c.l., divd. E. of Rockies..lb. .18¾- —
W. of Rockies.....lb. .19¾- —
Texas and Okla., divd., lb. .19½- —

Stearic acid l.c.l. prices are:—Ton lots, ½c. per lb. higher; less than ton lots, 1c. higher.

Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l. .....100 lbs. 1.50 - 2.20
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —

Acid, sulphuric, CP, USP, consumers cbys. extra..lb. 08 - —
9-lb. bots., cs. extra..lb. 10 - —
dealers, cbys. extra....lb. .06½- —
9-lb. bots., cs. extra..lb. .08½- —
fuming, 20%, tanks, E. works, ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.. lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.36
powder, bbls., 1,000 lbs..lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric,[1] USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .62½- —
smaller lots.....lb. .63 - —
kgs. .....lb. .63½- —
Thioglycolic, bbls., cbys., basis 100%..lb. 2.00 - 3.00
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[1] CP, 100-lb. pkgs....lb. 2.94 - 3.10
pure, 100-lb. kgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.30 - 1.35
Aconitine, amorph., bots.....oz.23.00 -26.00
15-gr. vials.....vial. 1.60 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.60 - —
Acrylonitrile, dms., c.l., works, lb. .26 - —
l.c.l., works.....lb. .26½- —
tanks, rorks.....lb. .25 - —
Adeps lanae,[1] USP, anhyd., cosmetic, dms., works..lb. .33 - .34
pharmaceutical, dms., works, lb. .32 - .33
Agar .....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 2.85 - 2.90
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1,7] powd., bbls....lb. 1.99 - 2.07
granular, cryst., bbls.....lb. 1.94 - 2.02
tech., cryst., bbls.....lb. 1.20 - 1.25
Alcohol, allyl, dms., c.l., divd.lb. .21 - —
l.c.l., divd.....lb. .21½- —
tankcars, divd.....lb. .20 - —
Amyl ex pentane, dms., c.l., frt. alld. E. of Miss. R. lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
(see also Fusel oil, ref.).
Benzyl, cns.....lb. .70 - .75
dms. .....lb. .65 - —
Butyl, normal,[1] ferment, Ill., Ind. prod., dms., c.l., frt. alld..lb. .1980- —
l.c.l., frt. alld. E....lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
tankwagons, frt. alld.lb. .1980- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

Normal butyl alcohol prices in West, ½c. per lb. higher.

secondary, dms., c.l., divd.lb. .095 - —
l.c.l., divd.....lb. .10 - —
tanks, divd.....lb. .09½- —
tertiary, denat., dms., c.l..lb. .12¾- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11 - —
Capryl, dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs. 1.75 - 1.80
smaller lots.....lb. 1.95 - 2.20
Cinnamic, bots.....lb. 3.00 - 3.55
Denatured,[1,7] CD14, cms., c.l., works, E..gal. .613 - —
l.c.l., works, E.....gal. .633 - .653
tanks, E. divd.....gal. .543 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works..gal. .612 - —
l.c.l., works, E.....gal. .632 - .652
tanks, E. works.....gal. .542 - —
Anhydrous 5c. per gal. higher.
SD2B, dms., c.l., wks., E.gal. .601½- —
l.c.l., works, E.....gal. .621½- .65½
tanks, E. works.....gal. .531½- —
SD23C, dms., c.l., works..gal. .652 - —
l.c.l., works.....gal. .672 - —
tanks, works.....gal. .582 - —
SD23F, dms., c.l.....gal. .61 - —
l.c.l., works, E.....gal. .63 - .66½
tanks, E. works.....gal. .54 - —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .62 - —
l.c.l., works, E.....gal. .66½- .68½
tanks, E. works.....gal. .55 - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD21 plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .63 - —
l.c.l., works, E.....gal. .65 - .68
tanks, E. works.....gal. .56 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Controls on Materials

Applications of WPB, OPA and WFA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order
[4]—General Preference Order.
[5]—Conservation Order
[6]—Allocation
[7]—War Food Order

Alcohol, diacetone, acetone-free, dms., c.l., dlvd..lb. .11½- .14¼
l.c.l., dlvd.....lb. .12 - .15
tanks, dlvd.....lb. .10½- .12½
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11½- .14
tanks, dlvd.....lb. .10 - .12¼
Ethyl, 190 pf., dms., c.l., wks. gal.17.72½- —
l.c.l., works.....gal.17.76 -17.79
tanks .....gal.17.66¼- —
absolute, dms., c.l., works.gal.18.07½- —
l.c.l., works.....gal.18.71 -18.74
tanks .....gal.18.60½- —
Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .36 - —
dms., c.l., works.....lb. .21½- —
l.c.l., works.....lb. .24 - —
tanks, works.....lb. .25 - —
Isoamyl (see Carbinol, isobutyl).
Isobutyl, refd., dms., works..lb. .0666- —
tanks, works.....lb. .0766- —
Isopropyl, refd., 91%, dms., incl., c.l., dlvd..gal. .38 - —
l.c.l., dlvd.....gal. .41 - —
tanks, dlvd.....gal. .31½- —
99%, dms., incl., c.l., dlvd.. gal. .41½- —
l.c.l., dlvd.....gal. .44½- —
tanks, dlvd.....gal. .35 - —
Methyl (see Methanol).
Methylamyl (see Carbinol, methylisobutyl)
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, dms.....lb. 2.10 - 2.35
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .65
Propyl, normal, dms., works, gal. .67 - —
smaller containers, works, gal. .62 - —
anks, works.....gal. .60 - —
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .35 - —
dms., c.l., Waverly, N. Y...lb. .40 - —
l.c.l., same basis.....lb. .50 - —
Aldol, dms., works.....lb. .12 - .15
denaturing grade, dms....gal. 1.20 - —
Aletris root, bgs.....lb. 2.75 - 3.00
Algarobilla,[1] c.l., ex dock.... long ton.67.50 - —
Algarobilla price based on ocean frt. at $13 insurance per long ton.
Algin, bbls., fib. dms.....lb. .76 - 1.00
Alizarin (see Red, alizarin).
Alkanet, root, bgs.....lb. .95 - .90
Allspice,[1] Mexican, futures, bgs., lb. .17½ Nom.
Allyl bromide, cbys., 5,000 lbs., works..lb. .90 - —
smaller lots, works.....lb. 1.05 - 1.10
Chloride, dms., c.l., dlvd....lb. .12½- —
l.c.l., dlvd.....lb. .14 - —
tanks, dlvd.....lb. .12½- —
Aloe, Cape, cs.....lb. No stocks
Curacao, bgs.....lb. .42 - .49
Socotrine, bgs.....lb. .42 - .41
Aloin, bbls., dms., bgs.....lb. 4.80 - 4.90
Alphanaphthol, bbls.....lb. .82 - —
Alphanaphthylamine, bbls.....lb. .82 - —
Alphapicoline, ret. dms., works. frt. equald..lb. .28½- .30¼
Alphapinene, dms., c.l., wks..gal. .89½- —
l.c.l., works.....gal. .91½- —
tanks, works.....gal. .98½- —
Alphaterpineol, dms., c.l., works. lb. .1340- —
l.c.l., works.....lb. .1390- —
tanks, works.....lb. .1200- —
Aphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, NF, peeled, bls...lb. .55 - .60
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .19
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil...100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil...100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil...100 lbs. 4.40 - —
Potash, gran., bbls., works. 100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. 12½- .15
Soda, bbls., c.l., works..100 lbs. 4.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, classified, grade, ground, kgs., works..lb. .35 - .67
top grade, ground, kgs., works. lb. .60 - .67
unclassified, ground, kgs., works..lb. .16½- .46
Acetate, basic solution, 24%, bbls., dlvd..lb. 10½- .11
20%, bbls., dlvd.....lb. 09½- .10
Chloride, anhyd., com'l, dms., c.l., works..lb. .06 - .11
l.c.l., works.....lb. .09 - .13
cryst., com'l, dms., c.l., works. lb. .06 - —
l.c.l., works.....lb. 06½- .06¾
solution, 32 deg., cryst., c.l., works..lb. .02¾- —
l.c.l., works.....lb. 03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solution, 12-20° Be, bbls., c.l., works..lb. 06¼- —
l.c.l., works.....lb. .10 - —
Hydrate, heavy, bgs., c.l., works lb. .024 - .031
l.c.l., works.....lb. .035 - .040
light, bgs., dlvd.....lb. 14¼- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% Al (OH)₃ dms., 10,000 lbs. or or more, f.o.b. ship't point lb. .08 - .08¼
ton lots, same basis..lb 08¼- .08¼
smaller lots, same basis, lb. .08¾- .04
conc., 9-9½% Al_2O_3, fib. dms. works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., wks..lb. 20¾- —
contract, works.....lb 19¾- —
dried, USP XII, 9b. dms.. works..lb 78 - —
contract, works.....lb 75 - —
powder, tech. (see Alumina hydrate)
USP IX, bbls., dms.....lb. .15 - .17
Laurate, precip., bbls.....lb. .25 - .30
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. 19¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15¾- —
Stearate, precip., cts., c.l...lb .28 - —
l.c.l. .....lb .24 - —
Sulphate, com'l, bgs., c.l., works. frt. equald...100 lbs. 1.15 - 1.20
l.c.l., works, frt. equald... 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works. 100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - —
Trihydrate, heavy (see Alumina hydrate)
Aluminum, 98-99%, c.l.....lb. .15 - —
l.c.l. .....lb. .15 - .16
Paste, lining, extra fine, 200-lb. dms..lb. .56 - .60
ink, 150-lb. dms.....lb. .71 - —
standard, 200-lb. dms.....lb. .59 - —
Powder, lining, extra, fine, 100-lb. dms..lb. .53 - —
litho, 150-lb. dms.....lb. .57 - —
standard, 200-lb. dms..lb. .59 - —
rubber comp., 200-lb. dms..lb. .49 - —
unpolished, stand., dms...lb. .56 - —
varnish, stand., 300-lb. dms.. lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 2c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,900 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....os. 8.75 -12.00
Aminoethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia, anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
pure, cyls.....lb. .14½- —
refrigeration, tanks, works.. ton.61.50 - —
Aqua, 26°, cbys.....lb. .06¾- —
dms., c.l.....lb. .02¾- —
l.c.l. .....lb. .03½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs., up, frt. alld..lb. .43 -
smaller lots, frt. alld..lb. .44 - .47
Biborate, gran., bbls., N. Y. or Chi..lb. .1515- —
Bicarbonate, dms., c.l.....lb. .0504- —
Bichromate, bbls.....lb. .23 - .28
Bifluoride, bbls.....lb. .16 - .15½
Borate, gran., bbls., kgs....lb. .1060- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .28 - —
dms. .....lb. .20 - —
Carbonate, USP, lump, dms..lb. 06¾- .06¼
cns. .....lb. .14¼- .17½
powdered, 1c. per lb. higher
Chloride, tech. (see Ammoniae, sal).
USP, gran., bbls., dms., kgs.. lb. .12 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb .80 - .85
Fluoride,[6] bbls.....lb No stocks
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms....lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.20 - 1.30
fine cryst., bbls., kgs....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate, bgs., c.l. shipping point....ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech., bgs., works.....100 lbs. 4.35 - 4.60
bbls., works.....100 lbs. 4.55 - —
Nitrate - limestone, 20.5% N bgs., Hopewell, Va..ton.22.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, fine gran. bbls....lb. .23 - —
dms. .....lb. .25 - .33
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs.....lb. .25½- .26¼
Phosphate, dibasic, NF V, bbls., kgs...lb. .27 - .29
tech., bgs., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07¾- —
monobasic, pure, bbls.....lb. .39 - .41
tech., bgs., c.l., works....lb. .07 - —
l.c.l., works.....lb. .07¾- .08¼
Salicylate, NF, dms., kgs....lb. 1.15 - 1.16
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .24 - —
paste, dms.....lb. .08½- —
Sulphamate, bbls., works....lb. .18 - .21
Sulphate,[1] bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports.....ton.29.20 - —
Sulphide, liquid, 40-45% basis 100%, dms., c.l., works..lb. .09 - —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 45% cbys., works..lb. .09 - —
dms., works.....lb. .06 - —
yellow, 33% cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, highly purified, 100% basis, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac)
Sal, gray, bbls., c.l., works.... 100 lbs. 5.50 - 5.75
l.c.l., works.....100 lbs. 6.00 - 6.75
white, gran., bbls., c.l., works, 100 lbs. 4.45 - —
l.c.l., same basis.100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. 17½- —
tanks, dlvd.....lb. 16 - —
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. 15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .99 - 1.00
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .095 - —
l.c.l., works.....lb. .105 - —
tanks, works.....lb. .085 - —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Salicylate, bots.....lb. .68 - .85
Stearate, dms., works.....lb. .42 - —
Anethol, com'l, dms., works..lb. .657 - .682
NF, dms.....lb. 2.20 - 2.50
Angelica dom. atropurpurea root, bls..lb. 1.00 - 1.25
imported, natural, bls.....lb. 2.50 - 2.60
Angostura bark, bls.....lb. .21 - .22
Anilin oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. 10½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. No stocks
Anise, Chinese.....lb. .41 - .42
Cyprus, bgs.....lb. No stocks
Mexican, bgs.....lb. .34 - .34½
Syrian, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.25
Annatto, paste, bxs.....lb. .24 - .29
Seed, bgs.....lb. .13¾- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
99%, bbls., works.....lb. .95 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1,6] Bolivian, brown, 67%, cs..lb. .16¼ Nom.
Chinese, black, 70%, cs....lb. .20 - .22
Oxide,[1,6] ceramic grade, bgs., c.l....lb. .16 - —
l.c.l. .....lb. .17 - —
paint grade, bgs., c.l.....lb. 16¾- —
l.c.l. .....lb. .16¾- —
Salt,[1,6] 65%, bgs., c.l., dlvd. E. of Miss. River..lb. No stocks
Sulphide,[1,6] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. 17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....os.23.20 -23.75
Apple syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .21 - .22
Arecoline hydrobromide, bots..os. 6.10 - 7.10
Argols,[7] min. 70%, bgs., shipment port, 100 kilos (100% purity).65.00 - 67.00
Arnica flowers, bls.....lb. 2.25 - 2.50
Arrowroot, powd., bgs., bbls..lb. .10¼- .11
Arsenic, chloride (arsenous), bots. lb. 1.85 - —
Metal, lump, c.l..... ....lb. No prices
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous, and Arsenic, white).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04½- —
Asafetida, cs.....lb. .58 - .60
powd., bbls., dms.....lb. .75 - .80
Asbestine (see Talc, N. Y., fibrous).
Asbestos, fiber[1] 5D and 5K bgs., c.l. (20 tons), Cana. mines. ton.49.50 - —
5R, bgs., c.l. (20 tons), same basis..ton.44.00 - —
6D, bgs., c.l. (30 tons), same basis..ton.32.00 - —
7D, bgs., c.l., same basis.ton.26.50 - —
7F, bgs., c.l., same basis.ton.26.50 - —
7H, bgs., c.l., same basis.ton.22.50 - —
7K, bgs., c.l., same basis.ton.19.00 - —
7M, bgs., c.l., same basis.ton.16.50 - —
7R, bgs., c.l., same basis.ton.15.50 - —
Asphaltum, Barbados, Dunellen, N. J..lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuba, A, bulk, c.l.....ton.60.00 - —
l.c.l. .....ton.90.00 - —
B, bulk, c.l.....ton.38.50 - —
l.c.l. .....ton.55.00 - —
Egyptian .....ton. No stocks
Gilsonite,[1] brilliant black, selects, 340° F. fusing point, bgs., mines..ton.30.00 -32.00
270-295° fusing point, bgs., mines..ton.30.50 - —
seconds, 300-330° F, fusing point, not uniform, bgs., mines..ton.25.50 - —
jet, bgs., ton lots, gross weight, Colo. mines..ton.30.50 - —
Manjak, No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., works..lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight, Colo. mines..ton.30.50 - —
Mexican, refd., dms., f.o.b. Tampico, Mex. metric ton.27.50 - —
South American, refd., dms., c.l., N. J. refy..ton.22.00 -23.00
l.c.l., same basis.....ton.24.00 -25.00
tanks, same basis.....ton.15.00 - —
Atropine, bots.....os. 9.85 - —
Sulphate, bots.....os. 7.85 - —

B

Balm of Gilead buds, bgs.....lb. 1.90 - 2.00
Barbasco root,[1] (see Cube root).
Barberry root bark, bgs.....lb. .75 - .80
Barbital, dms.....lb. 3.50 - 3.60
Sodium, dms.....lb. 3.75 - 3.85
Barium carbonate, natural, 90% through 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate, kgs., works.....ton. .27½- .31
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works. ton.73.00 - —
l.c.l., works.....ton.78.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate, crystals, bbls.....lb. .06½- .07¼
Hydroxide, bbls., works.....lb. .15 - .18
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works...lb. .09¼- .11¼
l.c.l., works.....lb. .10 - .11¼
Oxide, dms., c.l., works.....lb. .11½- .12
l.c.l., works.....lb. .14 - .15
grd., dms., l.c.l., works....lb. .15 - .17
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes,[1] floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% $BaSO_4$, bulk, mines..ton. 6.50 - —
Bauxite bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .18
Belladonna leaves, bls.....lb. 1.25 - 1.30
Root, bls.....lb. 1.35 - 1.40
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works....ton.16.00 - —
Benzaldehyde, NF, dms.....lb. .70 - 1.10
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tanks, E. of Omaha, frt. alld..gal. .15 - —
W. Coast, Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. 20¼- .22
Peroxide, pure, gran., fib. ctns. works..lb 1.95 - —
Benzyl acetate, f.f.c., cns....lb. .60 - .70
dms. .....lb. .55 - —
Alcohol (see Alcohol, benzyl)
Benzoate, f.f.c., dms.....lb 1.05 - 1.10
Benzyl chloride, tech., cbys., works, frt. equald..lb. .20 - —
refined, cbys.....lb. .21 - —
Cinnamate, cns.....lb. 4.00 - 6.85
Formate, cns.....lb. 2.70 - 3.05
Propionate, bots.....lb. 1.85 - 2.05
Salicylate, bots.....lb. 1.80 - 1.85
Benzylidinacetone, bots.....lb. 2.35 - 2.70
Benzylisoeugenol, bots.....lb. 9.50 - —
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .30 - .36
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .21 - —
l.c.l., works.....lb. .23 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., works..lb. 1.60 - —
l.c.l., works.....lb. 1.85 - —
95%, dms., works.....lb. 2.05 - —
98-99%, works.....lb. 2.20 - —
Betagammapicoline, dms., c.l., works..lb. .28½- —
l.c.l., works.....lb. .34½- —
Beth root, bls.....lb. .43 - .44
Bismuth chloride, bots.....lb. 2.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.90
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.49
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.49
cns. .....lb. 1.80 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., dms., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.61 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., lb. 1.50 - 1.55
bots., cns.....lb. 1.59 - 1.65
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.75 - —
Subgallate, NF, bots., cns....lb. 1.49 - 1.55
fib. dms.....lb. 1.40 - 1.45
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, bbls., fib. dms..lb. 2.50 - —
5-lb cans.....lb. 2.64 - 2.69
Sulphocarbolate, bots.....lb. 3.71 - 3.74
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms...lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Black, acetylene, bgs., c.l., works..lb. .14 - —
l.c.l., works.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld. E..lb. .17 - —
2, bgs, bbls., c.l., same basis. lb. .12 - —
3, bgs, bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .06½- —
457, bgs., bbls., c.l., same basis..lb. 11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon, channel, compressed, beads, bulk, c.l., works..lb. 05 - —
bgs., c.l., works.....lb. .055 - —
l.c.l., works.....lb. .06 - —
dlvd. or whse.....lb. .062 - —
uncompressed, regular, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .097 - —
Furnace, HMF, bgs., c.l., works..lb. .05 - —
ctns., l.c.l., whse.....lb. .07¼- —
SRF, bgs., c.l., works....lb. .03½- —
ctns., l.c.l., whse.....lb. .06 - —
Thermatomic, bgs., c.l., works, L.e..lb. .04 - —
l.c.l., whse. Trenton, N. J. lb. 06¼- —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .06¼- —
Lamp, 1, ctns., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .67½- —
l.c.l., works.....lb. .36½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls.....lb. .34 - .35
Tree bark, bls.....lb. .40 - .45
Black Indian hemp root, bls..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.00 - —
direct process, bgs., c.l., works..ton.70.00 - —
bbls., c.l., works....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 65%, bbls., c.l., works. ton.40.00 - —
l.c.l. same basis....ton.44.50 - —
Bleaching powder,[2] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 3.75 - 3.80
Blood,[1,7] dried, 16-16½% ammon., bgs...unit-ton. 5.50 - —
high-grade, unground, 16-17% ammon., bulk, Chicago. unit-ton. 5.50 - —
soluble, bgs., c.l., Chicago...lb. .12 - —
l.c.l., Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .65 - .70
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.75 - —
Toner, bbls., same basis...lb. .85 - .90
Celestial, bbls., same basis...lb. .10 - .12
Chinese, bbls., same basis..lb. .36 - —
Cobalt, genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis. lb. 3.50 - 3.75
50%, bbls., same basis...lb. 3.00 - —
green shade, bbls., same basis. lb. 4.50 - 4.90

TARTARS

Cream of Tartar

Rochelle Salts

Tartaric Acid

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.

TELEPHONE LEXINGTON 2-3324

CABLE "WILNEUBERG"

Blue, iron (see Blue, Chinese, Milori, Potash Prussian, and Soda).
Milori, bbls., same basis....lb. .36 - —
Molybdated, Victoria, bbls., same basis...lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent toner, green shade, molybdic, bbls., same basis lb. 3.60 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis. lb. .42 - —
Prussian, bbls., same basis.lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, cobalt type, dry or pulp, bbls., same basis. lb. .25 - .27
jobbing type, dry, bbls , same basis..lb. .12 - .13
regular types, dry or pulp, bbls., same basis..lb. .17 - .27
Victoria, toner, molybdic, bbls. lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis. lb. 1.80 - —
synthetic vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, bbls., same basis..lb. 1.24 - —
tungstic, kgs., same basis..lb. 2.10 - —

Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes
Blue mass, NF, cns., tube....lb. 1.58 - 1.75
powd., bots., cns., dms.....lb. 1.61 - 1.75
Blueflag root, bls.....lb. .70 - .76
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone,[7] raw, bulk, Chicago...ton.57.00 -65.00
junk, bulk, same basis....ton.35.00 - —
Meal, raw, 4½% ammon., 50% phos., bgs., E. works.. ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works ton.38.50 - —
Chicago, works.....ton.36.00 - —
Phosphate, defluorinated (see D). Precipitated (see Calcium phosphate tribasic precip.).
Boneset leaves, bls.....lb. .16 - .17
Borage flowers, bls.....lb. .60 - .62
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse.....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld.....ton.55.00 - —
ton lots, ex whse.....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld. ton.60.00 - —
ton lots, ex whse.....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld.....ton.60.00 - —
ton lots, ex whse.....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb .11½ - —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brimstone (see Sulphur).
Bromine, purified, cs., c.l., frt. alld. E. of Rockies..lb. .21 - —
1,000 lbs., frt. alld. E. of Rockies..lb. .23 - —
single pkgs., same basis..lb. .28 - —
Brazilwood extract (see Hypernic).
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 5.20 - 6.25
Bronze powder, aluminum (see A). Gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .14 - .16
Brown, iron-oxide, pure, precip., cks., works..lb. .12 - —
Metallic, bbls., c.l., works..lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .06½- .08
pap. bgs., c.l., same basis lb. .0235- —
Italian type, bbls., works. lb. .08¾- .10¾
raw, American, bbls., works. lb. .04 - .16
Italian type, bbls., works. lb. .08 - .10
Umber, burnt, American, bbls., works..lb. .08½- —
Italian-type, bbls., works.lb. .04¾- —
Turkey-type, bbls., c.l., Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0585- —
Pittsburgh .....lb. .05 - —
Brown, umber, burnt, Turkey-type, bbls., c.l., ex car, Los Angeles..lb. .05¾- —
Portland, San Francisco, Seattle..lb. .06½- ex whse, Los Angeles. lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., works.....lb. .12 - —
Brucine, cns., 100 ozs.....oz. .35 - —
Sulphate, cns., 100 ozs.....oz. .30 - —
Bryonia root, bls.....lb. .58 - .60
Buchu leaves, bls..... .....lb. .83 - .86
Buckthorn bark, bls.....lb. .47 - .50
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .35 - .37
Burgundy pitch, dom., dms...lb. .08 - —
Butane,[1] indust., tanks, Group 3, gal. .03½ —
Butyl acetate, normal,[1] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1980- —
l.c.l., same basis.....lb. .1980- —
tanks, same basis.....lb. .1830- —
tankwagon, same basis.lb. .1865- —
other production dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis...lb .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¾- —
tanks, same basis.....lb. .10¾- —
secondary,[1] dms., c.l., divd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- Normal butyl acetate, W. of Miss. R., ¼c per lb. higher.
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works. lb. .35 - —
tech., dms., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .24½- .25¼
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl phthalate).
Butyl propionate, dms., divd..lb. .16½- .17
tanks, divd.....lb. .15½- —
Stearate, dms.....lb. .31½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide, bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide, bots.....lb. 4.28 - —
cns. .....lb. 4.00 - —
Lithopone (see Yellow).
Metal,[1,2] ingots or sticks, divd. lb. .90 - —
pat. shapes, cs., divd.....lb. .95 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., 100 lbs. or more. lb. 2.80 - 2.85
smaller lots.....lb. 2.95 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.05
smaller lots.....lb. 3.15 - 3.45
Citrated, dms., 100 lbs. or more. lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.27
Calabar beans, bgs., futures, lb. .60 - .65
Calamus root, natural, dom., bls. lb. .70 - .75
Calciferol, in corn oil, dms., 10,000 units or more, works, unit. .10 - —
1,000 to 10,000 units, works, unit. .11 - —
less than 1,000 units, works, unit. .12 - —
Calcium acetate, bgs., divd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., wks., frt. alld..lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08½
Bromide, N.F., jars.....lb. .65 - .70
Carbide,[1] dms., c.l., works.ton.50.00 - divd. .....ton.67.00 -80.00
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars..lb. .28 - .30
flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., divd.....ton.28.50 -45.00
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, 73-75%, dms., c.l., divd. ton.18.00 -34.50
l.c.l., divd.....ton.26.00 -44.50

Calcium chloride prices vary according to zone; minimum prices are for spot delivery. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.00 per ton over paper bags.

Cyanide, dms., delivered E. of Rockies..lb. .35 - .40
Gluconate, USP, gran., bbls..lb. .53 - —
dms. .....lb. .57 - .60
cns. .....lb. .70 - —
wd. 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.65 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, dms.....lb. .21 - —
USP, bbls.....lb. .25 - .27
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dms..lb. 2.05 - 2.20
Naphthenate, 4% Ca., 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 -
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 over works..lb. .07 - .07¾
less than 10, works .....lb. .08 - .10
medicinal, dibasic, bgs.. 100 lbs.11.40 -12.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l. works..lb. .0635- bgs., l.c.l., works.....lb. .0645- .0650
Resinate, precip., 8.5% Ca, 100-lb dms..lb. .15¼- —
Silicate, hydrated, c.l., bgs., works..lb. .05¼- —
l.c.l., works.....lb. .06 - —
Stearate, precip., ctns., c.l., works..lb. .25 - —
l.c.l., works .....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - .50
Tallate, 3%-4% Ca, 50-gal. dms. lb. .13¼- .19½

Welcome!

We join with our customers in welcoming the return of many of their employees from military and other national service to the positions they held in offices and plants.

We share the natural pride your employers take in your service to the nation and the hopes they have for your future.

Our representatives have already had the pleasure of personally greeting many of you who have served . . . they look forward to renewing their associations with all of you.

COLUMBIA CHEMICALS

PITTSBURGH PLATE GLASS COMPANY
COLUMBIA CHEMICAL DIVISION
FIFTH AVENUE at BELLEFIELD • PITTSBURGH 13, PA.
CHICAGO • BOSTON • ST. LOUIS • PITTSBURGH • NEW YORK • CINCINNATI • CLEVELAND
PHILADELPHIA • MINNEAPOLIS • CHARLOTTE • SAN FRANCISCO

COLUMBIA ESSENTIAL INDUSTRIAL CHEMICALS

Soda Ash • Caustic Soda • Liquid Chlorine • Sodium Bicarbonate • Pittchlor (Calcium Hypochlorite) • Silene EF (Hydrated Calcium Silicate) • Calcium Chloride • Soda Briquettes • Caustic Ash • Phosflake • Calcene T (Precipitated Calcium Carbonate) • Modified Sodas.

Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.60 - 1.80
fine particle size, works..lb. 1.80 - 1.75
Calendula flowers, bls.....lb. 2.60 - 2.65
Calomel, bbls., dms.....lb. 2.44 - 2.45
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works.lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½ - —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots.....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Camphor, monobromated, dms.lb. 3.20 - —
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Capsicum oleoresin, USP VII. cns..lb. 4.50 - 4.65
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] California, Dutch type..lb. No stocks
Canadian, bgs.....lb. .45 - .46
Danish, bgs., futures.....lb. .46 - .47
Dutch, bgs., futures.....lb. .50 - .51
Morocco, dewhiskered, futures, bgs..lb. .44 - .46
natural, bgs., futures.....lb. .38 - .39
Spanish, dewhiskered, bgs...lb. No stocks
Syrian, dewhiskered, bgs....lb. No stocks
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
88%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. dms., l.c.l., works..lb. .27 - —
secondary, dms., l.c.l., works.lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Methylisobutyl, dms., c.l., nearest delivery point buyer's works..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
Bisulphide, 55-gal. dms., c.l., frt. all. E. of Miss R., N. of Ohio R..lb. .06 - —
l.c.l., same basis.....lb. .06¾- —
5-gal. dms., c.l., same basis.lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .06
Tetrachloride,[1] c.p., dms., c.l.lb. .07½- —
l.c.l.....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .88 - —
l.c.l., frt. alld.....gal. .97 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l. gal. .88 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H. N. J., N. Y., N. C., O., Pa., R. I., Tenn. Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans. 2 Ala., Ark., Fla., Ga., Kans., La., Miss. Neb., N. D., Okla., S. C., S. D.; 3, Colo. N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho., Nev., Ore. Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.35 - 1.40
medium, cs.....lb. 1.30 - 1.35
decorticated, Guatemala, cs..lb. 1.10 - 1.12
India, cs.....lb. 1.15 - 1.20
green, Alleppey, bgs.....lb. .90 - .92
Carotene, cryst., 1,350,000 A units per gm., tins, works, 1,000,000 units. .50 - —
research grade (alpha, 10%; beta, 50%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd .....gram. 2.90 - —
in vegetable oil, 250,000 USP units per gm., bots., works. lb. 27.80 - —
50,000 USP units per gm., bots., works..lb. 8.43 - —
dms., works.....lb. 7.68 - —
8,800 A units per gm., tins, works, 1,000,000 units. .55 - —
dms., works..1,000,000 units. .50 - —
3,300 USP units per gm., dms., works..lb. .66 - .71
Carvol, bots.....lb. 16.00 - 20.00
Cascara sagrada bark, bulk....lb. .43 - .45
Case-hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼- —
less than 20, same basis. lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .24 - —
rennet-precip., unground, bgs., 100 bgs. or more..lb. .26¼- .28½
Cassia,[1,7] China buds, bgs., futures..lb. .46 - .47
rolls, selected, cs., futures. lb. .46 - .47
extra select, broken, bls., futures..lb. .42½- .43
Cassia fistula, bskts.....lb. .26 - .28
Castor bean,[1,7] bgs., c.i.f. first arrival point, U.S..long ton. 118.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 3.15 - 4.75
Castoreum, nat., cns.....lb. 12.00 - 13.00
Catechol, CP, cryst., works, fib. dms., frt. alld..lb. 1.90 - —
resublimed, works, frt. alld., dms..lb. 3.25 - —
Catnep, bls.....lb. .50 - .55
Celery seed,[1] French, bgs.....lb. 1.00 Nom.
Indian, bgs.....lb. .23 - .23½
Celluloid scrap (see Pyroxylin scrap)

Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
granules, ctns., same basis.lb. .36 - —
Acetate-butyrate, flake, high (36.5%) butyryl content, 50-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld...lb. .47 - —
smaller pkgs. works....lb. .48 - —
medium (15.5 or 17.0%), 50 lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.. lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works....lb. .46 - —

Granules are 5c. per lb. higher, all quantities.

Acetate-propionate, flake, high (31.5%) propionyl content), 50-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works...lb. .48 - —

Granules are 5c. per lb. higher, all quantities.

Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
bgs., smaller lots, works.lb. 2.00 - —
Chalk, precipitated, cosmetic, dentifrice, and drug, bgs., c.l., works..lb. .02¾- —
paint and other industries, bgs., c.l., works..ton. 40.00 - —

Chalk, precipitate, papermakers, bgs., c.l., works..ton. 32.50 - —
rubbermakers, bgs., c.l., works ton. 30.00 - —
Chamomile, Hungarian type, ca lb. .52 - .58
Roman, bls., futures.....lb. 1.75 - 1.90
Charcoal, hardwood, lump, bulk, c.l., works..ton. 31.25 - —
bur. bgs., ret., c.l., works. ton. 31.00 - 33.75
briquets, bulk, c.l., works... ton. 35.00 - —
bgs., c.l., works.....ton. 40.00 - 41.00
granular, all grades, bgs., incl. works..ton. 44.00 - —
screenings, bur. bgs., ret., c.l., works..ton. 25.00 - —
Pinewood,[1] lump, bgs., c.l., Southern shipping points. ton. 20.00 - —
granular, powd., bgs., c.l., works, South..ton. 30.20 - —
Willow, powd., bbls.....lb. .06 - .07
l.c.l., works.....ton. 41.00 - —
Chestnut extract,[1,6] standard 25% tannin, bbls., c.l., works..100 lbs. 3.22 - 3.55
l.c.l., works.....100 lbs. 3.47 - 3.80
tanks, works.....100 lbs. 2.62 - 2.90
powdered, 65% tannin, bags extra, c.l., works.100 lbs. 7.46 - 8.32
l.c.l., works.....100 lbs. 8.21 - 9.07
Chillies (see Pepper, red).
China clay,[1] dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works....ton. 13.00 - —
bulk, c.l., works..ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 9.50 - 13.50

China clay, dom., wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works. ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton. 19.00 - 24.00
powd., cks..l.c.l., ex whse. ton. 41.00 -
Chloral hydrate, jars.....lb. .93 - .93
dms.....lb. .90 - .95
Chlorinated rubber,[8] standard, ctns., 100 lbs. up, works. lb. .32 - —
smaller lots, works.....lb. .35 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chlorine, liquid, cyls., c.l.....lb. .05¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks., frt. equald.100 lbs. 2.50 - —
1 wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .22
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 100-lb. cyl.. 100-lb. cyls., same basis...lb. .32 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms.lb. 3.00 - 3.10
Chrome acetate, powd., 22% Cr., bbls., works..lb. .32 - .34
ton lots, works.....lb. .30 - .32
solut., 8% bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Fluoride, bbls., wks.....lb. .24 - .27
Cake, bulk, c.l., works.....ton. 16.00 - —
Oxide (see Green, chrome oxide).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.02 - 6.60
Cinchona bark,[6] red, quill, USP, 10 in., cas..lb. 1.20 Nom.

Spot Deliveries

SODIUM BICHROMATE
HEAVY CALCINED MAGNESIA White
CITRIC ACID
CAUSTIC POTASH
MAGNESIUM METAL POWDER High Purity
ROCHELLE SALTS
COPPER SULPHATE
SODIUM SULPHITE High Purity
OXALIC ACID
BLEACHING POWDER 70%
RED LEAD
ZINC OXIDE American & French Process
LITHARGE
CHROMIC ACID
CALCIUM CITRATE

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE
NICKEL OXIDE, etc.

GOLWYNNE
CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Cinchonidine,[6] small, cryst., cns., 100 cns.	cs.	No prices
Sulphate, NF, cns., 100 cns.	cs.	No prices
Cinchonine[6] small, cryst., cns., 100 cns.	cs.	No prices
large, cryst., cns., 100 cns.	cs.	No prices
Sulphate, NF, cns., 100 cns.	cs.	No prices
Cinchophen, NF, heavy, dms.	lb.	3.70 - 3.80
standard, dms.	lb.	3.50 - 3.60
Cinnamic alcohol (see Alcohol, cinnamic).		
Aldehyde, cbys., cns., dms.	lb.	.83 - .84
Cinnamon,[4,7] Ceylon, O, bis., futures	lb.	.8303- —
OO, bis., futures	lb.	.5320- —
OOO, bis., futures	lb.	.5407- —
OOOO, bis., futures	lb.	.5494- —
No 1, bis., futures	lb.	.5145- —
2, bis., futures	lb.	.5059- —
3, bis., futures	lb.	.4958- —
4, bis., futures	lb.	.4856- —
Citral, bots., cns.	lb.	6.50 - 7.50
Citrine, ointment, jars	lb.	.95 - 1.15
Citronellal, bots., dms.	lb.	No prices
Citronellol, bots., dms.	lb.	No prices
Clove,[1] Madagascar, bis.	lb.	.16¾- .17½
futures, bis.	lb.	.16 - .16½
Zanzibar, bis.	lb.	.17½- .17¾
futures, bis.	lb.	.17½- .17¾
Clover tops, red, dom., bgs.	lb.	.50 - .55
imported, bgs.	lb.	No stocks
Coaltar, coal-gas, crude, 50 gal., bbls., c.l., works	bbl.	8.25 - —
l.c.l., works	bbl.	8.75 - —
tanks, works	gal.	.07½- .08½
refd., 50-gal., bbls., c.l, wks.	bbl.	8.75 - —
l.c.l., works	bbl.	9.25 - —
tanks, works	gal.	.08½- —
water-gas, crude, 55 gal., dms., c.l., works	bbl.	8.25 - —
l.c.l., works	dm.	8.75 - —
refd., 55-gal. dms., c.l., wks.	dm.	8.75 - —
l.c.l., works	dm.	9.25 - —
Cobalt acetate, bbls., kgs., dlvd.	lb.	.69½- —
feed grade, 49.5% Co, kgs.	lb.	1.35 - —
Carbonate, powd., bgs., works.	lb.	1.58 - —
feed grade, 23% Co, kgs.	lb.	1.85 - —
Chloride, kgs., works	lb.	.87½- —
feed grade, 24.5% Co, kgs.	lb.	1.25 - —
Hydrate, bbls.	lb.	2.04 - —
feed grade, 62% Co, kgs.	lb.	2.25 - —
Linoleate, paste, 5%, dms.	lb.	.32 - .35
solid, 8½%, dms.	lb.	.44 - —
Nitrate, feed grade, 20.4% Co, kgs.	lb.	1.25 - —
Oleate, bbls.	lb.	.44 Nom.
Oxide,[1] black, kgs.	lb.	1.84 - —
Phosphate, feed grade, 34% Co, kgs.	lb.	1.75 - —
Resinate, precip., 7.5% Co, 100-lb. dms.	lb.	.88½- —
Soyate, 8%-8.5% Co, 50-gal. dms.	lb.	.42 - .44
Sulphate,[6] dms.	lb.	.65 - —
feed grade, 21% Co, kgs.	lb.	1.00 - —

Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland or New York.

Cobalt-ammonium sulphate, 14% Co, kgs.	lb.	.75 - —
Cocaine hydrochloride, 100-oz. lots, cns.	oz.	9.75 - —
Cochineal, gray, bgs.	lb.	.46 - .47
silver, Teneriffe, bgs.	lb.	.47 - .48
Cocoa butter,[1,7] bulk, ship. pt.	lb.	.25 - —
Cocillana bark, bgs.	lb.	.60 - .61
Codeine, cns., 100 ozs.	oz.	11.70 - —
Hydrochloride, cns., 100 ozs.	oz.	10.50 - —
Phosphate, cns., 100 ozs.	oz.	9.00 - —
Sulphate, cns., 100 ozs.	oz.	9.50 - —
Codliver oil (see Oil, codliver).		
Cohosh root, black, bls.	lb.	.18 - .19
blue, bls.	lb.	.22 - .23
Colchicine, bots., cns.	oz.	No stocks
Colchicum seed	lb.	No stocks
Collodion, USP, dms.	lb.	.19½- .20½
cns.	lb.	.23 - .29½
Flexible, USP, dms.	lb.	.31 - .32
cns.	lb.	.30 - .31
Colocynth pulp, bls.	lb.	.52 - .53
Colombo root, bls.	lb.	.14 - .15
Coltsfoot leaves, bgs.	lb.	No stocks
Condurango bark, bgs.	lb.	.12 - .13
Copaiba balsam, Para, cns.	lb.	No stocks
S. A., USP, cns.	lb.	.95 - 1.00
Copper acetate, cupric, bbls., works	lb.	.25½- —
smaller containers, wks.	lb.	.27 - —
Carbonate, 52-54%, bbls.	lb.	.19½- .20½
Chloride, anhyd., bbls.	lb.	.32½- .33
crystals, bbls.	lb.	.14¾- .17
Cyanide, tech., bbls.	lb.	.34 - .38
Iodide, bots.	lb.	5.15 - 5.19
Metal,[1] electrolytic	lb.	.12 - .13½
Naphthenate, 6%-9% Cu, 50-gal. dms.	lb.	.15 - .17
Nitrate, tech., cryst., bbls.	lb.	.19½- .20½
Oleate, precip., bbls.	lb.	.32½- .35½
Oxide, black, bbls., works	lb.	.19 - .20
red, com'l, bbls., works	lb.	.19 - .20
Oxychloride-sulphate,[6] bgs.	lb.	.21 - .34½
Resinate, precip., 8.3% Cu, 125-lb dms.	lb.	.17 - .30
Sulphate,[1] 99%, cryst., bgs., c.l., works	100 lbs.	5.60 - —
l.c.l., 700 to 36,000 lbs.	100 lbs.	5.15 - 5.80
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd.	100 lbs.	16.30 - —
smaller lots, dlvd.	100 lbs.	10.95 - —
dms., c.l., dlvd.	100 lbs.	8.95 - 9.20
l.c.l., dlvd.	100 lbs.	9.95 - 10.20
Copperas, cryst., gran., bgs., c.l., works	ton.	17.00 - —
l.c.l., works	100 lbs.	1.55 - 2.00
bbls., c.l., works	ton.	20.00 - —
bulk, c.l., works	ton.	14.00 - —
Copra,[7] Coast, ship't.	lb.	No prices
Coriander[1] seed, Argentine, bgs.	lb.	.07 - .08
Indian, bgs.	lb.	No stocks
Morocco, bgs.	lb.	.09 - .09½
Peru, bgs.	lb.	.08¼- .08¾
So. American, bgs.	lb.	.10 - .10½
Corn silk, bls.	lb.	.45 - .46
Corn sugar, tanners, chipped, bgs., c.l., dlvd.	100 lbs.	3.905 - —
slabs, bbls., c.l., dlvd.	100 lbs.	3.825 - —
Syrup, 42°, bbls., c.l., dlvd.	100 lbs.	4.221 - —
43°, bbls., c.l., dlvd.	100 lbs.	4.371 - —
Corrosive sublimate,[2] cryst., cns., 50 lbs. or more	lb.	2.07 - —
gran., powd., dms., 50 lbs. or more	lb.	1.92 - —
Cottonroot bark, bls.	lb.	.23 - .25
Cottonseed hull ash, 23-36% pot-ash, bgs., dlvd.	unit-ton.	1.20 - —
Meal,[1,7] 41% protein, bulk, Memphis, c.l.	ton.	45.00 - 49.75
Coumarin,[3] cns., 5 lbs. or more	lb.	2.75 - —
smaller lots	lb.	2.90 - 3.10
Cramp bark, NF, bls.	lb.	.80 - .81
Cream of tartar, dom., USP, gran. or powd., bbls., 6,000 lbs. one ship't	lb.	.51½- —
smaller lots, bbls., kgs.,	lb.	.52 - .53½
imported, bls.	lb.	.50 - .55
Creosote carbonate, bots., cbys.,	lb.	2.10 - 2.30
Coaltar (see Cresol).		
Oil,[2] coaltar, crude, tanks, works	gal.	.15½- —
refined, dms., c.l., works,	gal.	.247 - .2525
l.c.l., same basis	gal.	.30 - .35
tanks, same basis	gal.	.10 - .10½
solution, tanks, works	gal.	.141 - —
Wood, beech, bots., cbys.	lb.	.85 - 1.04
Hardwood, N.F., bots., cbys.	lb.	.80 - .17
Pine, dms.	gal.	.31 - .32
Cresol,[1,6] special resin grades, dms., c.l., works, frt. equald.,	lb.	.09½- .10½
l.c.l., same basis	lb.	.10 - .11
tanks, same basis	lb.	.08¾- .09¾
USP, dms., c.l., same basis	lb.	.10¾- .11¾
l.c.l., same basis	lb.	.11¼- .11¾
tanks, same basis	lb.	.10 - .10½
Crotonaldehyde, 97%, l.c.l., 55 and 110-gal. dms.	lb.	.15 - —
5 and 10-gal. dms., works	lb.	.18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., works	100 lbs.	9.50 - 9.75
bbls., l.c.l., works	100 lbs.	10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R.	lb.	.08½- —
l.c.l., works	lb.	.09¼- —
Cube root, 5% rotenone, bbls., works	lb.	.40 - —
4% rotenone, bbls., works	lb.	.32 - —
Cubeb berries, XX, bgs.	lb.	No stocks
powd., cs.	lb.	No stocks
Culver's root, bls.	lb.	.25 - .26
Cumin seed, Cyprus, bgs.	lb.	No stocks
Indian, bgs., futures	lb.	.34 - .35
Morocco, bgs.	lb.	No stocks
Persian, bgs.	lb.	.36 - .36½
Syrian, bgs.	lb.	No stocks
Cutch, bgs.	lb.	No stocks
Cyanamide,[3] fertilizer mixing grades, guaranteed, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk,	unit-ton.	1.62½- —
21% N., pulv., bgs., same basis	unit-ton.	1.52½- —
Cyclohexane, tech., dms., c.l., works	lb.	.10½- —
l.c.l., works	lb.	.11 - —
tanks, works	lb.	.09½- —
Cyclohexanol, 98%-100%, dms., works	lb.	.21 - .23
Cyclohexanone, 97½% min., dms., c.l., works	lb.	.30 - .32
tech., dms., c.l., works	lb.	.30 - —
l.c.l., works	lb.	.30½- —
tanks, works	lb.	.29 - —
Cyclopropane, USP, cyls., dlvd.,	gal.	.27 - —

D

Damiana leaves, bls.	lb.	.45 - .46
Dandelion root, bls.	lb.	.70 - .75
DDT, fiber, dms., c.l., works	lb.	.45 - —
ton lots, works	lb.	.50 - —
tins, smaller lots, work	lb.	.53 - .60
Decanol, normal, tech., dms., dlvd.	lb.	.25 - —
Deertongue, bls.	lb.	.94 - .95
Defluorinated phosphate,[1] paper bgs., works	ton.	34.25 - —
Degras,[1] common, bbls.	lb.	.10 - .12
neutral, less 2% ffa, bbls.	lb.	.28 - .30
over 2% ffa, bbls.	lb.	.29½- .30½
Derris root (see Cube root).		
Dextrin, British gum, bgs., c.l., Chicago	100 lbs.	4.93 - —
l.c.l.	100 lbs.	5.39 - —
Chicago	100 lbs.	5.03 - —
Corn, canary, bgs., c.l.	100 lbs.	5.04 - —
Chicago	100 lbs.	4.68 - —
l.c.l.	100 lbs.	5.14 - —
Chicago	100 lbs.	4.78 - —
white, bgs., c.l.	100 lbs.	4.97 - —
Chicago	100 lbs.	4.61 - —
l.c.l.	100 lbs.	5.07 - —
Chicago	100 lbs.	4.71 - —
Potato, bgs., c.l.	lb.	.10 - —
l.c.l.	lb.	.10¼- .11¾
Diacetone (see Alcohol, diacetone).		
Diacetyl, flavor grades, bots.	lb.	5.50 - 5.55
laboratory grade, bots.	100 grams.	4.50 - —
tech., bots., works	lb.	3.00 - —
Diamyl ether (see Amyl ether).		
Phthalate,[6] dms., c.l., dlvd.	lb.	.2170- .2200
l.c.l., dlvd.	lb.	.2220- .2250
tanks, dlvd.	lb.	.2070- .2100
Sulphide, l.c.l., dms., works	lb.	.25 - —
Diatomaceous earth, dom., CP, bgs., c.l., Atlantic coast.	lb.	.07 - —
l.c.l., ex whse.	lb.	.10 - .16
nat. bgs., c.l., Pacific coast.	ton.	22.00 - 25.00
l.c.l., ex whse.	ton.	45.00 - —
purified, bgs., c.l., Atlantic coast.	ton.	55.00 - 59.00
l.c.l., ex whse.	ton.	85.00 - 90.00
imported, Algerian, bgs., c.l., Atlantic coast.	ton.	No prices
Mexican, white, bgs., c.l., Atlantic coast.	lb.	.02 - .03
l.c.l.	lb.	.04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works	lb.	.2270- .2300
1-gal., cns., works	gal.	.2470- .2100
dms., c.l., works	lb.	.1720- .2350
l.c.l., works	lb.	.1770- .2400
tanks, works	lb.	.1620- .2250
Sebacate, dms., c.l., works	lb.	.4800- .5075
l.c.l., works	lb.	.4850- .5125
tanks, works	lb.	.4600- .4975
Tartrate, dms., works, frt. alld.	lb.	.92 - 1.02
Dibutylamine, dms., c.l., works.	lb.	.66 - —
l.c.l., works.	lb.	.69 - —
Dichlorodiphenyltrichlorcethane (see DDT)		

If it has to do with DDT, work it out with DU PONT!

MANUFACTURERS working with formulas that employ DDT are invited to come to Du Pont for technical service! Experience gained by this major supplier of DDT to the armed forces may be of considerable value to you.

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Because of the method by which it is manufactured, Du Pont DDT Technical Grade is uniformly dependable. It works well in dry preparations, and dissolves quickly forming clear solutions.

To help you formulate DDT preparations that have a sound basis for commercial use, our complete facilities are available. We shall be glad to supply working samples, literature or to have a representative call.

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REG. U. S. PAT. OFF.

BETTER THINGS FOR BETTER LIVING
...THROUGH CHEMISTRY

DU PONT
DDT *Technical*

Swords into Ploughshares + Increased Demand = Patience, Please!

Yes, all kinds of packages and containers are short . . .

. . . beer cans, coffee cans, paint cans, talcum cans. Just name the line of industry that wants packages and it's the same old story, "We can't get enough."

For the time being, therefore, American Can customers must share the available supply of containers.

It is our responsibility to ration this supply among all our customers on an equitable basis. You understand, we are sure, that this is in the best interests of everyone.

Now, why are containers short?

For one thing, the war emphasized again that cans are the ideal container.

And today's demands are tremendous. For example, the estimated requirements for paint cans for 1946 have doubled since 1941. That was an all-time peak year. And yet, we are making more paint cans today than we did then.

Such increased demand prevails in nearly every industry that uses metal containers or metal-and-fibre containers.

Then, too, in changing back to cans from war packages, many industries must build up an inventory among distributors and dealers . . . another reason for an abnormal demand for containers at this time.

So, as we beat our swords into ploughshares and at the same time turn out more containers than we did in the peak year of 1941 . . .

. . . we *still* can't supply you fast enough.

Please have patience with us.

American Can Company CANCO New York Chicago San Francisco

NO OTHER CONTAINER PROTECTS LIKE THE CAN

Dichlorcethyl ether,[6] purified, dms., c.l., works, frt. equald with Sc. Charleston	lb.	.16 - —
l.c.l., same basis	lb.	.17 - —
tanks, same basis	lb.	.15 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E.	lb.	.23½- —
l.c.l., same basis	lb.	.24½- —
tanks, same basis	lb.	.23½- —
Diethyl carbonate, com'l, dms.	lb.	.25 - —
refd., 90%, dms	lb.	.80 - —
Oxalate, dms., c.l., dlvd	lb.	.30½- —
l.c.l., dlvd	lb.	.31 - —
Phthalate,[6] dms., c.l., dlvd.	lb.	.21½- —
l.c.l., dlvd	lb.	.22 - —
tanks, dlvd	lb.	.20½- —
Sulphate, dms., c.l., works	lb.	.14 - —
l.c.l., works	lb.	.15 - —
tanks, works	lb.	.13 - —
Diethylamine, dms., c.l., works	lb.	.44 - —
l.c.l., works	lb.	.46 - —
tanks, works	lb.	.40 - —
Diethylaminoethanol, dms., l.c.l., works, frt. alld. E. of Miss. R.	lb.	.75 - —
Diethylaniiin, dms	lb.	.40 - —
Diethyleneglycol, dms., c.l., frt. alld.in E.	lb.	.14 - —
l.c.l., same basis	lb.	.15 - —
tanks, same basis	lb.	.13 - —
Diethyleneglycol monobutylether, dms., c.l., works	lb.	.22 - —
l.c.l., works	lb.	.23 - —
tanks, works	lb.	.21 - —
Monoethylether, dms., c.l., wks.	lb.	.15½- —
l.c.l., works	lb.	.16½- —
tanks, works	lb.	.14½- —
Digitalis leaves, dms	lb.	1.10 - 1.15
Diglycol laurate, dms	lb.	.31 - .32
Oleate, light, bbls., c.l	lb.	.17 - —
Stearate, bbls., c.l	lb.	.22 - —
Dihydroxydichlorodiphenylmethane, dms., works of N.Y. met.	lb.	.96 - 1.00
smaller containers, same basis	lb.	1.05 - 1.40
Di-isobutyl ketone, dms., works	lb.	.19 - —
Dilseed, natural, afloat, bgs.,	lb.	.09 - .09½
decorticated, bgs	lb.	.13 - .13½
dewhiskered, bgs	lb.	.09¼- .09¾
Dimethyl phthalate, dms., c.l., dlvd	lb.	.20 - —
l.c.l., dlvd	lb.	.20½- —
tanks, dlvd	lb.	.19 - —
Dimethylamine, dms., c.l., dlvd.	lb.	.85 - —
l.c.l., dlvd	lb.	.90 - —
Dimethylaniiin, dms., c.l	lb.	.21 - —
l.c.l.	lb.	.22 - —
Dinitrobenzene, bbls	lb.	.18 - —
Dinitrochlorobenzene, dms	lb.	.14 - —
Dinitronaphthalene, kgs	lb.	.55 - .58
Dinitrophenol, bbls	lb.	.22 - —
Dinitrotoluene, dms	lb.	.18 - —
oily, dms	lb.	.05 - —
Diorthotolylguanidin, dms., ton lots, dlvd	lb.	.44 - —
smaller lots, dlvd	lb.	.46 - .47
Dioxan, dms., c.l., frt. alld	lb.	.20 - —
l.c.l., same basis	lb.	.21 - —
tanks, same basis	lb.	.19 - —
Dip oil (see Tar acid oil).		
Dipentene,[1] destructive dist., dms., dlvd. E.	gal.	.55 - .56
tanks, dlvd. E	gal.	.45 - —
steam-dist., dms., dlvd. E	gal.	.56 - .58
tanks, dlvd. E	gal.	.52 - .53
Diphenyl,[6] bbls., c.l., works	lb.	.15 - —
l.c.l., works	lb.	.15 - .20
Oxide, perfume grade, cns	lb.	.48 - .50
dms	lb.	.42 - .45
Diphenylamine, bbls	lb.	.25 - —
Diphenylguanidin, dms., tons	lb.	.85 - —
smaller lots	lb.	.86 - .87
Divi-divi,[3,5] 42% tannin, c.l., U.S. ports, ex dock	ton.	71.00 -72.00
Doggrass root, dom., cut, bls	lb.	.30 - .35
imp., NF, cut, bls	lb.	.48 - .50
Dogwood, Jamaica, bark, bls	lb.	.10 - .11
Dover's powder, USP, cns	lb.	No stocks
Dragon's blood, drops, cs	lb.	.55 - .60
reeds, cs	lb.	No stocks

Dyes, coaltar (certified colors for foods, drugs and cosmetics), 5-lb. lots—

Blue, FD&C, No. 1, cns	lb.	13.00 - —
Green, FD&C, No. 1, cns	lb.	13.00 - —
No. 2, cns	lb.	17.00 - —
No. 3, cns	lb.	27.00 - —
Orange, FD&C, No. 1, cns	lb.	2.80 - —
No. 2, cns	lb.	3.55 - —
Red, FD&C, No. 1, cns	lb.	5.75 - —
No. 2, cns	lb.	3.05 - —
No. 3, cns	lb.	17.00 - —
No. 4, cns	lb.	5.50 - —
No. 32, cns	lb.	4.05 - —
Yellow, FD&C, No. 1, cns	lb.	8.00 - —
No. 3, cns	lb.	2.55 - —
No. 4, cns	lb.	2.55 - —
No. 5, cns	lb.	3.05 - —
No. 6, cns	lb.	3.05 - —

Dyes, coaltar (certified colors for drums and cosmetics), 1-lb. lots—

Black, D&C, No. 1, cns	lb.	8.35 - —
Blue, D&C, No. 4, cns	lb.	12.35 - —
Brown, D&C, No. 1, cns	lb.	12.35 - —
Green, D&C, No. 5, cns	lb.	12.35 - —
No. 6, cns	lb.	12.35 - —
Orange, D&C, No. 5, cns	lb.	8.35 - —
No. 4, cns	lb.	15.35 - —
No. 10, cns	lb.	15.85 - —
Red, D&C, No. 8, cns	lb.	2.85 - —
No. 17, cns	lb.	8.35 - —
No. 18, cns	lb.	15.35 - —
Yellow, D&C, No. 7, cns	lb.	8.35 - —
No. 8, cns	lb.	8.35 - —
No. 11, cns	lb.	10.35 - —
No. 19, cns	lb.	15.35 - —
No. 22, cns	lb.	8.35 - —
No. 23, cns	lb.	13.35 - —
No. 27, cns	lb.	12.35 - —

Dyes, coaltar (certified colors for external use drugs and cosmetics), 1-lb. lots—

Blue, Ext. D&C, No. 1, cns	lb.	12.35 - —
Green, Ext., D&C, No. 1, cns	lb.	12.35 - —
Red, Ext. D&C, No. 1 cns	lb.	10.35 - —
No. 3, cns	lb.	21.35 - —
No. 8, cns	lb.	7.35 - —
No. 10, cns	lb.	12.35 - —
No. 13, cns	lb.	12.35 - —
Yellow, Ext. D&C, No. 1, cns	lb.	8.35 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—

35 Chrome yellow, 2G	lb.	.63 - .70
40 Chrome yellow R	lb.	.50 - 1.60
53 Victoria violet	lb.	.80 - 1.00
165 Lake red C	lb.	.70 - .80
170 Fast red A	lb.	.56 - .60
180 Fast red VR	lb.	1.50 - 1.60
189 Lake red R. paste	lb.	.85 - .90
189 Lake red R. powd	lb.	3.00 - 3.10
202 Chrome blue black U	lb.	.85 - .42
204 Chrome black A	lb.	.42 - .45
208 Fast red blue R	lb.	.75 - 2.00
216 Chrome red B	lb.	1.75 - 2.00
262 Cloth red 2B	lb.	.60 - .80
289 Fast cyanin 5R	lb.	.90 - 1.00
299 Chrome black F	lb.	.85 - .88
304 Paper yellow	lb.	.83 - .90
307 Fast cyanin black B	lb.	.80 - .85
326 Direct fast scarlet	lb.	2.00 - 2.25
365 Chrysophenin G	lb.	.68 - .70
382 Direct scarlet B	lb.	1.15 - 1.20
387 Direct violet B	lb.	1.00 - 1.20
394 Direct violet N	lb.	.80 - .85
401 Developed black BHN	lb.	.45 - .60
406 Direct blue 2B	lb.	.66 - .70
415 Direct orange B	lb.	.60 - .70
419 Direct fast red F	lb.	.70 - .73
420 Direct brown M	lb.	.55 - .57
448 Benzo purpurin 4B	lb.	.65 - .68
495 Benzo purpurin 10B	lb.	.40 - .50
	lb.	.35 - .50
502 Direct azerin G	lb.	.75 - .80
512 Direct blue RD	lb.	.80 - 1.00
518 Direct pure blue 6B	lb.	1.20 - 1.30
520 Direct pure blue	lb.	.50 - 1.00
529 Direct fast black FF	lb.	.85 - 1.00
581 Direct black EW	lb.	.50 - .54
582 Direct black RX	lb.	.35 - .45
592 Direct green B	lb.	.50 - .55
594 Direct green G	lb.	.50 - .55
596 Direct brown 3GO	lb.	.85 - 1.00
620 Direct yellow R	lb.	1.25 - 1.50
626 Acid violet	lb.	1.00 - 3.00
812 Primulin	lb.	.70 - .73
814 Direct fast yellow	lb.	2.00 - 2.25
845 Nigrosin (water soluble).		

Dyes, coaltar, for general uses (numbers are those of Colour Index scale)—

1177 Indigo, 20% paste	lb.	.15 - .18
Benzo fast black L	lb.	.90 - 1.00
Sulphur black	lb.	.20 - .25
Sulphur blue	lb.	.45 - 1.00
Sulphur brown	lb.	.25 - .50
Sulphur maroon	lb.	.40 - —
Sulphur tan	lb.	.30 - .50
Sulphur olive	lb.	.25 - .54
Sulphur yellow	lb.	.30 - .50
Zambesi black	lb.	.75 - .80

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—		
865 Nigrosin derivatives	lb.	.38 - .44
Blue—		
1075 Alizarin astral base	lb.	15.00 - —
1078 Alizarin cyanin, green base	lb.	6.00 - —
Brown—		
Brown	lb.	1.15 - —
Green—		
1078 Alizarin cyanin green	lb.	5.00 - —
Green	lb.	.75 - —
Orange—		
24 Sudan I	lb.	.75 - —
Red shade	lb.	.75 - —
Red—		
75 Sudan II	lb.	1.05 - —
258 Sudan IV	lb.	.85 - —
680 Oil violet	lb.	.50 - —
749 Rhodamine B (oil pink).	lb.	2.00 - —
1060 Anthraquinone violet base	lb.	6.00 - —
Yellow—		
15 Amidoazobenzene yellow	lb.	.90 - —
17 Amidoazotoluene yellow,	lb.	.75 - —
61 Yellow OB	lb.	1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; 25 lb. lots and up, 3c. per lb. higher, sellers' works or warehouse).

Black—		
246 Naphthol blue black S..	lb.	.50 - —
729 Victoria blue B	lb.	1.85 - —
861 Indulin	lb.	.37 - —
873 Methylene gray	lb.	1.50 - —
909 New blue P	lb.	1.20 - —
922 Methylene blue	lb.	1.00 - —
1054 Alizarin saphirol B	lb.	1.90 - —
1180 Indigotin IA	lb.	.85 - —
Blue—		
714 Patent blue A	lb.	1.05 - 1.10
Brown—		
231 Bismarck brown G	lb.	.47 - .62
234 Resorcin brown Y	lb.	.65 - —
235 Resorcin dark brown R,	lb.	.66 - —
632 Bismarck brown R	lb.	.47 - .62
793 Phosphin	lb.	4.05 - —
Green—		
5 Naphthol green B	lb.	1.00 - —
657 Malachite green	lb.	1.35 - —
662 Brilliant green	lb.	2.00 - —
666 Guinea green B	lb.	1.15 - —
737 Wool green S	lb.	.58 - —
924 Methylene green B	lb.	1.55 - —
1078 Alizarin cyanin green	lb.	2.00 - —
Orange—		
10 Chrysodin G	lb.	.44 - —
21 Chrysodin R	lb.	.41 - —
27 Orange G	lb.	.50 - —
31 Amidonapthol red G	lb.	.42 - —
37 Amidonaphthol red 6B,	lb.	.68 - —
151 Orange Y	lb.	.31 - .35
161 Orange R	lb.	.34 - —
Red—		
79 Ponceau R	lb.	.48 - —
88 Fast red B	lb.	1.05 - —
176 Fast red A	lb.	.54 - —
179 Azorubin	lb.	.98 - —
183 Crocein scarlet 2BX	lb.	.72 - .75
185 Cochineal red A	lb.	.60 - —
252 Brilliant crocein M	lb.	.68 - —
677 Fuchsin	lb.	2.10 - —
749 Rhodamine B	lb.	3.50 - —
752 Rhodamine 6B	lb.	4.50 - —
768 Eosin G	lb.	1.50 - —
841 Safranin	lb.	1.45 - —
Violet—		
680 Methyl violet B	lb.	.70 - .75
681 Crystal violet B	lb.	1.75 - —
695 Acid violet 4BN	lb.	.88 - —
Yellow—		
10 Naphthol yellow S	lb.	.88 - —
138 Metanil yellow	lb.	.56 - .60
656 Fast light yellow	lb.	1.25 - —
639 Xylene light yellow	lb.	1.15 - —
640 Tartrazin	lb.	.80 - —
656 Auramine	lb.	1.27 - —

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TERTIARY BUTYL ALCOHOL
DIACETONE ALCOHOL
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ISOPROPYL ALCOHOL (REFINED 91%)
ISOPROPYL ETHER
MESITYL OXIDE
METHYL ETHYL KETONE
METHYL ISOBUTYL CARBINOL
(METHYL AMYL ALCOHOL)
METHYL ISOBUTYL KETONE

SHELL CHEMICAL CORPORATION

100 BUSH STREET, SAN FRANCISCO 6
500 FIFTH AVENUE, NEW YORK 18

Los Angeles · Houston · Chicago

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; 25 lbs. lots and up, 3c. per lb. higher, sellers' works or warehouse).
Black—
864 Nigrosin .....lb. .36 - .44
Blue—
860 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green—
657 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —
Violet—
680 Methyl violet base...lb. .85 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .75 - .80
Egg,[1,7] albumen (see Albumen).
Yolk,[1,7] dried, dom., bbls....lb. 1.04 - 1.10
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .75 - .85
Elecampane root, bls.....lb. .55 - .60
Elm bark, grinding, bls.....lb. .35 - .38
powd., bbls., bxs.....lb. .55 - .58
select, bndls.....lb. .55 - .58
Emetine hydrochloride, Brazilian, cs., c.i.f., in bond.....kilo. $1,350.00
Ephedra, bls.....lb. .28 - .30
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride, tins.....oz. .95 - 1.45
Sulphate, tins.....oz. .95 - 1.45
Synthetic, USP, anhydrous, bots..100 ozs. .65 - —
hydrous, bots, 100 oz....oz. .65 - —
Hydrochloride, tin, 100 ozs.oz. .50 - —
Sulphate, cryst., tins, 100 ozs. oz. .48 - —
Epinephrine, synth., USP, bots. gram. .75 - —
Epsom salt, tech., cryst., bgs., a.l..100 lbs. 1.80 - 1.95
l.c.l. .....100 lbs. 2.15 - 2.40
dried, bgs.....lb. .03½- —
l.c.l., bgs.....lb. .04 - .07
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
Epsom salt prices freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, cns.....lb. 1.75 - 1.85
Eserine, bots.....oz. No prices
Sulphate, 1-gram. vials....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., divd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs. lb. .96 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., wks...lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .1050- .1200
l.c.l., frt. alld.....lb. .1100- .1250
tanks, frt. alld.....lb. .0960- .1100
98-98%, dms., c.l., frt. alld.lb. .1075- .1275
l.c.l., frt. alld.....lb. .1125- .1225
tanks, frt. alld.....lb. .0975- .1175
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works. lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. 50 - .52
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., divd. E...lb. .58 - —
Chloride, tech. ,dms.....lb. .18 - .20
USP, bbls., cyl.....lb. .20 - .22
Cinnamate, cns.....lb. 2.65 - 3.00
Formate, dms., Agnue, Calif., lb. .28 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .33½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. 1.10 - 1.15
Oleate, dms., l.c.l., works...lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, dms., l.c.l., works..lb. .77 - —
Ethylcellulose, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, works.....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride, dms., c.l., works, frt. alld. E. of Rockies, frt. alld..lb. .0842- —
West of Rockies..lb. .0891- —
l.c.l., works, frt. alld. E. of Rockies..lb. .0891- —
West of Rockies..lb. .0941- —
tanks, frt. alld. E. of Rockies, lb. .0743- —
West of Rockies..lb. .0792- —
Trichloride (see Trichloroethane).
Ethyleneglycol, dms., c.l., frt. alld. in E..lb. 10 - —
l.c.l., same basis.....lb. 11 - —
tanks, same basis.....lb. .09 - —
Monobutylether, dms., c.l., wks. lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether, dms., c.l., wks. lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Monoethylether acetate, dms., c.l., works..lb. .13½- —
l.c.l., works.....lb. .14½- —
tanks, works.....lb. .12½- —
Monomethylether, dms., c.l., wks. lb. .16½- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine, hydrochloride bots..oz. 10.50 -10.75
Ethylvanillin,[1] cns., 5 lbs. or more..lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.95 - 3.25
Eucalyptus leaves, bls.....lb. .10 - .15
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .16 - .17

F

Feldspar,[1] enamel, 100 mesh, ton.17.00 -20.50
bulk, c.l.....ton.14.00 -17.50
glass, 20 mesh, bgs., works, min. 2 tons..ton.12.75 -16.25
bulk, c.l.....ton. 9.75 -12.25
pottery, bgs., l.c.l., works, min. 2 tons..ton.20.00 -22.00
bulk, c.l., works.....ton.17.00 -19.00
Fennel seed, Argentine, bgs...lb. .27 - .27½
Indian, bgs.....lb. .16½ Nom.
Fenugreek, domestic, bgs.....lb. No stocks
Indian, bgs.....lb. .10 - .10½
Morocco, bgs.....lb. .10½- .11
Ferric sulphate (see Iron sulphate, ferric).
Film scrap, colored, cs., works.lb. .13½- .15
water-white, cs., works.....lb. .14½- .17
Fir balsam, Canada, cns....gal.18.50 -20.00
Oregon, bbls.....gal. 2.50 - 2.60
Fishberries, bgs.....lb. .24 - .25
Fishliver oils (see Oil, fishliver).
Fishmeal,[3,7] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, bgs., E. works, ton.78.00 - —
Fishscrap,[7] dried, 60% protein, bulk, East coast..ton.66.00 - —
Flake white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Flaxseed, dom., French-type, bgs. lb. .62 - .64
French, black, bgs.....lb. No stocks
Indian, blonde, bgs.....lb. .18½- .20
Fluorspar,[1] No. 1, ground, 85-90% CaF_2, bulk, c.l., mines, net ton.37.00 - —
washed, gravel, 70% or more CaF_2, c.l., bulk, mines..ton.33.00 - —
65%, c.l., bulk, mines....ton.32.00 - —
60%, c.l., bulk, mines....ton.31.00 - —
less than 60%, c.l., bulk, mines..ton.30.00 - —
Formaldehyde,[1] bbls., c.l., works, lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, divd. N.Y.C....lb. .0345- —
Fringetree bark, bls.....lb. .55 - .58
Fuller's earth,[1] dom., powd., bgs., c.l., Fla., Ga. mines.. ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne...ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp. bags, c.l.....ton.30.00 -40.00
Furfural, ref., dms., c.l., works, lb. .15½- —
cns., dms., l.c.l., works....lb. .18½- .25½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., cns., dms.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., divd.....lb. .18½- .19½
Fustic extract, cryst., No. 1, bbls., l.c.l..lb. .25 - —
No. 1A, bbls., l.c.l.....lb. .24 - —
No. 2, bbls., l.c.l.....lb. .22 - —
No. 3, bbls., l.c.l. .....lb. .21 - —
Fustic extract, liquid, No. 0, bbls., l.c.l..lb. .19 - —
No. 1, bbls., l.c.l.....lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .14 - —
solid, No. 1, bxs., l.c.l.....lb. .20½ -

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .24 - .25
Gambier, cube, Singapore, cs..lb. No stocks
Extract, bbls.....lb. No stocks
Gammapicoline, 95%, dms., c.l., works..lb. 1.35 - —
Gasoline,[1] at refinery, ex tax, Arkansas, 73-75 octane, tanks, gal. .05½- —
Bayonne, 73-75 oct., tanks.gal. .07 - .08
Gulf Coast, 73-75 oct., tanks. gal. .0570- .0625
Group 3, 73-75 oct., tanks.. gal. .08 - .09
Pennsylvania, western, US motor, 74 octane, leaded, tanks..gal. .07 - .07¾
natural, 26/70, Group 3, tanks. gal. .03 - .03½
Gelatin, silver label, ctns., divd. lb. .90 - .97
export, cs.....lb. 1.00 - —
Silver label prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Geisenium root, bls.....lb. .43 - .45

Dow glycols

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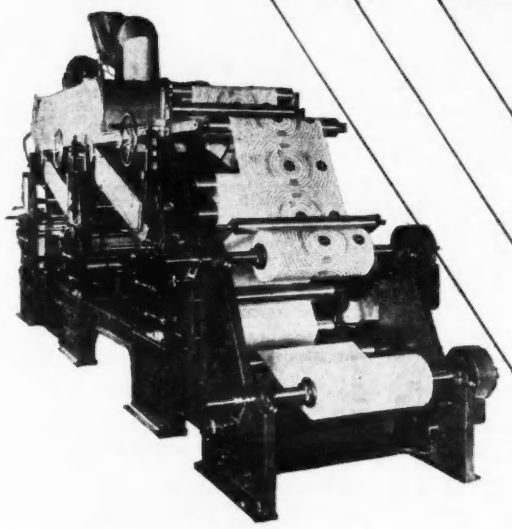

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Food packaging ink that's quick to dry

Many industrial problems are simplified with the aid of Dow Glycols! This story from the printing ink manufacturers provides an illuminating example:

When an ink is to be used for printing food packages and wrappers, special care must be taken in selecting the solvent for the printing ink resins. Alert manufacturers have now discovered that several of the Glycols fulfill the necessary solvent requirements to an unusually high degree. These Glycols are high-boiling and virtually free from residual odor and taste. Moreover, they simplify drying—and that means more economical equipment and speedier operation.

This is merely one illustration of the varied applications of the Dow Glycols . . . "idea materials" for many jobs. Put the Glycols to work on some of your problems! Dow will gladly send you full details.

THE DOW CHEMICAL COMPANY • MIDLAND, MICHIGAN

New York · Boston · Philadelphia · Washington · Cleveland · Detroit · Chicago · St. Louis
Houston · San Francisco · Los Angeles · Seattle

DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND AGRICULTURE

Gentian root, bls.....lb. .36 - .38
grd., bbls., bxs.....lb. .38 - .40
powd., bbls., bxs.....lb. .39 - .41
Geraniol, 92-96%, cns., dms...lb. No prices
Geranyl acetate, cns.....lb. No prices
Ginger,[1] African, No. 1, bls...lb. .15 - .15½
Calicut, Romeo-type, bgs....lb. .16½- .17
Cochin, bleached, bgs.....lb. .15½- .16
unbleached, bgs.....lb. .15 - .15½
Jamaica, No. 1, bgs.....lb. .22 - .23½
No. 2, bgs.....lb. .18½- .19
No. 3, bgs.....lb. .16¼- .16¾
Rhattoon, bgs.....lb. .15¾- .16¼
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., works....
100 lbs. 1.05 - 1.45
Glue, bone, calcium type, 24 millipoise, 36 jellygrams, bgs., c.l., East of Midwest.
lb. .16 - .28
10/35, bgs., c.l., same basis..lb. .15½- .23½
58/83, bgs., c.l., same basis.
lb. .17 - .24
82/106, bgs., c.l., same basis.
lb. .18½- .25½
Bone glue, l.c.l. prices 1c. higher than c.l.
Hide,[1] 100-121 (jelly test in grams), bgs., c.l., dlvd....lb. .14 - .21½
122-149, bgs., c.l., dlvd.....lb. .15 - .22½
150-177, bgs., c.l., dlvd.....lb. .16 - .23½
178-206, bgs., c.l., dlvd.....lb. .17 - .24½
207-236, bgs., c.l., dlvd.....lb. .18 - .25½
237-266, bgs., c.l., dlvd.....lb. .19 - .26½
267-296, bgs., c.l., dlvd.....lb. .20 - .27½
297-330, bgs., c.l., dlvd.....lb. .21 - .28½
331-362, bgs., c.l., dlvd.....lb. .22 - .29½
363-394, bgs., c.l., dlvd.....lb. .23 - .30½
395-427, bgs., c.l., dlvd.....lb. .24 - .31½
428-460, bgs., c.l., dlvd.....lb. .25 - .32½
461-494, bgs., c.l., dlvd.....lb. .26 - .33½
496-529, bgs., c.l., dlvd.....lb. .27 - .34½
Hide glue l.c.l. prices 1c. higher than c.l.; bbls., ½c. over bgs.
Glycerin, crude, saponification, 88%, to refiners, tanks...lb. .12¾- —
soaplye, 80%, tanks.....lb. .11½- —
dynamite, dms., c.l.....lb. .17½- .18¼
l.c.l.....lb. .18 - .18¾
tanks.....lb. .17¼- .18
high gravity, dms., c.l.....lb. .17½- .18¼
l.c.l.....lb. .18 - .18¾
tanks.....lb. .17¼- .18
refined, B.P., 96%, dms., c.l..lb. .18¾- —
tanks.....lb. .18½- —
USP, 99%, dms., c.l.....lb. .18¼- —
l.c.l.....lb. .18¾- —
tanks.....lb. .18 - —
yellow, distilled, dms., c.l...lb. .17¾- —
tanks.....lb. .17¼- —
Glycine, USP, bbls., tins.....lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .32 - —
Gold chloride, acid-brown, bots.
oz.20.75 -21.00
acid-yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots..
oz.18.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal root, bls.....lb. 8.75 - 9.00
powd., bxs.....lb. 9.25 - 9.50
Gold of pleasure seed, bgs....lb. No stocks
Grains of paradise, bgs.....lb. .30 - .37
Graphite,[1] dom., crystalline, 80% through 50 mesh, graphitic carbon content 65-70%, bgs., whse..lb. .04¼- —
70-75%, bgs., same basis.
lb. .05 - —
75-80%, bgs., same basis.
lb. .05½- —
80-85%, bgs., same basis.
lb. .07 - —
85-90%, bgs., same basis.
lb. .07 - —
90% and up, same basis.
lb. .09 - —
Grease, house,[1,7] loose.....lb. .06¼- —
White, choice, loose.....lb. .06¾- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] fluorescein toner, molybdic, kgs., works..lb. 2.25 - —
tungstic, kgs., works.....lb. 2.75 - —
Chrome,[1] CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .28 - —
15% bbls., same basis...lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-12%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-26%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis...lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Chrome green prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Green, chrome oxide, pure, dms., wks..lb. .24 - —
Malachite, thioflavin toner, molybdic, bbls., works..lb. 2.00 - —
tungstic, bbls., works....lb. 2.50 - —
Phthalocyanin,[1] tetrahydroxide (hydrated chromium oxide, bbls., works....lb. .35 - —
toner, bbls., works.....lb. 4.00 - 5.00
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.00 - —
emerald, kgs.....lb. 2.00 - —
Verdigris (see V).
Green dyes (see Dyes, coaltar).
Grindelia robusta, bls.....lb. .21 - .22
Guaiac, resin, cs.....lb. .28 - .30
Wood, bls.....lb. .05 - .09
Guaiacol, liquid, N.F., bots., cbys..lb. 1.60 - 1.85
Carbonate, dms.....lb. 2.40 - 2.45
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
l.c.l., works.....lb. .58 - .75¼
Guarana, powd., cs.....lb. 2.00 - 2.10

Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber, sorts, bgs...lb. .12 - .12½
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, artificial, cns.....lb. 1.75 - 2.55
Siam, cns.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .82 - 1.00
Camphor (see C).
Copal, Congo (former dollar-and-cent ceilings revoked Feb. 2. New ceiling prices are to be based on prices to be paid by importers in the Belgian Congo plus landed costs, as determined by a formula under import regulation).
East India,[1] Batu, bold, scraped, c.l., same basis.lb. .10½- —
unscraped, same basis..lb. .09 - —
chips, same basis...lb. .12 - —
dust, same basis...lb. .06½- —
nubs and chips, same basis..lb. .06¾- —
pale, Hiro-Macassar,[1] bold, bgs., c.l., same basis...lb. .17¾- —
chips, same basis.....lb. .11½- —
dust, same basis...lb. .06½- —
nubs, same basis...lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis.....lb. .11¾- —
dust, same basis. .lb. .05½- —
nubs, same basis...lb. .16¾- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07¾- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bekts., c.l., same basis..lb. .13½- —
dark, light, same basis..lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13¾- —
CBB, same basis.....lb. .13 - —
Loba, ONE, same basis..lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DE, same basis.....lb. .09¼- —
DU, same basis.....lb. .08¾- —
dust, same basis.....lb. .07¾- —
WB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11¾- —
white split chips, bgs., c.l., same basis..lb. .15¼- —
dust, same basis.....lb. .07¾- —
whse., entry point, c.l...lb. .08¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis.
lb. .16½- —
extra bold, sorts, bgs., c.l., same basis..lb. .12¾- —
pale chips, bold, same basis.
lb. .13 - —
nubs, WCB, same basis..lb. .13¾- —
seeds, dust same basis....lb. .08¾- —
SG, same basis.....lb. .10¼- —
small chips, same basis..lb. .11¾- —
c.l., same basis..lb. .23¾- —
Pontianak, bld., scraped, bgs., mixed, same basis..lb. .17¾- —
chips, small, same basis..lb. .12¾- —
cuttings of split, same basis.
lb. .19½- —
nubs, same basis.....lb. .15 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher
Dammar,[1] Batavia, A, cns., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D, same basis.....lb. .29¾- —
A/E, same basis.....lb. .25¾- —
B, same basis.....lb. .24¾- —
C, same basis.....lb. .23¾- —
D, same basis.....lb. .22¾- —
E, same basis.....lb. .18¾- —
F, same basis.....lb. .13¾- —
dust, same basis.....lb. .13¾- —
Singapore,[1] No. 1, c.a., c.l.lb. .30¾- —
2, bgs., same basis.....lb. .25 - —
3, bgs., same basis.....lb. .12¾- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis...lb. .13 - —
seeds, cs., same basis....lb. .17¼- —
Gum, dammar, l.c.l., prices ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or whse. entry port..lb. .09¼- .09¾
Ester,[1] gum-rosin, type, dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid-Atl. States, N. England States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va...lb. .1900- —
l.c.l., dlvd., Ill., etc.....lb. .1835- —
other points, same basis.
lb. .1400- —
wood-rosin type (formerly designated as "ordinary"), dms., c.l., dlvd. Ill., Ind., etc..lb. .1050- .1075
Euphorbium, cs.....lb. 1.80 Nom.
Galbanum, cs.....lb. 1.00 - 1.05
Gamboge, pipes, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .48
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
dust, same basis.....lb. .12¾- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis...lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis.....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis.
lb. .20¾- —
dust, pale, same basis...lb. .20¾- —
extra, same basis..lb. .25¾- —
No. 1, same basis.....lb. .45 - —
No. 2, same basis.....lb. .21 - —
No. 3, same basis.....lb. .80 - —
Superior, No. 1, same basis..
lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .66¾- —
4x, same basis.....lb. .91 - —
5x, same basis.....lb. 1.20 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls.....lb. .50 - .60
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .48 - .50
Olibanum, siftings, cs.....lb. .12 - .18
tears, cs.....lb. .21 - .85
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] casks.....lb. .07½- .09¾
Scammony, cs.....lb. 1.30 - 1.35
Talba, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 2.80 - 3.00
No. 2, cs.....lb. 2.75 - 2.80
No. 3, cs.....lb. 2.15 - 2.60

Gum, yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered.....lb. .07½- —
Gypsum, Keene's cement, pkgs., c.l., Acme, Tex., frt. equald..ton.23.65 - —
Harlem River, N. Y., frt. equald..ton.30.65 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N.Y., frt. equald..ton.30.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.65 - —
Plaster of Paris, paper bgs., c.l., Acme, Texas, frt. equald. ton.12.50 - —
Blue Rapids, Kan., frt. equald..ton.10.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kan., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich., Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Tex.; Southard, Okla.; Sweetwater, Tex.; frt. equald..ton. 8.00 - —
Saltville, Va., frt. equald, ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem river, N. Y., works..ton.15.90 - —
New Brighton, N. Y.; same basis..ton.14.40 - —

H

Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 2.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.75
Hematine extract, cryst., No. 6, bbls., l.c.l..lb. .41 - —
No. 1, bbls., l.c.l.....lb. .40 - —
No. 1A, bbls., l.c.l.....lb. .37 - —
No. 2, bbls., l.c.l.....lb. .36 - —
No. 3, bbls., l.c.l.....lb. .34 - —
No. 4, bbls., l.c.l.....lb. .32 - —
No. 6, bbls., l.c.l.....lb. .30 - —
Hematine paste, No. 1, bbls., l.c.l. lb. .17½- —
No. 2, bbls., l.c.l.....lb. .16½- —
No. 3, bbls., l.c.l.....lb. .15½- —
red, No. 4, bbls., l.c.l.....lb. .14½- —
Hemlock bark extract,[1,8] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.35 - 1.50
Henna leaves, bls.....lb. .25 - .26
powd., bbls., bxs.....lb. .28 - .31
Heptane,[1] industrial grade, 50°-100° C., dms., c.l., Group 3, gal. .12¾- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10½- —
77°-115° C, dms., c.l., Group 3. gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10¼- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .58
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanone).
Hexamethylenetetramine,[1] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots, same basis..lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots, same basis..lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .10¾- .11
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .20 - .58
Hexanol, normal, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots. oz.15.00 -26.00
Hoofmeal, 17-18% ammonia, bulk, c.l., Chicago.... unit-ton. 5.00 - 5.50
Hops, NF, bls.....lb. .58 - 1.80
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, alkaloid, bots....oz.20.00 -26.00
Hydrochloride, bots.....oz.20.00 -22.00
Sulphate, bots.....oz.20.00 -22.00
Hydrastinine, 10-gr. bots....bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide, USP, bbls. lb. .08¾- .94
100 vols., cbys., E. of Miss. River or West coast via Panama Canal..lb. .15½- .18¼
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. No prices
dms., extra, ret'able, dlvd...lb. No prices
Hyoscine hydrobromide, bots..oz.80.00 -45.00
Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic extract, cryst., No. 1, bbls., l.c.l..lb. .42 - —
No. 2, bbls., l.c.l.....lb. .34 - —
liquid, No. 1, bbls., l.c.l..lb. .24 - —
No. 2, bbls., l.c.l.....lb. .19 - —
solid, No. 1, bxs., l.c.l.....lb. .30 - —
Hyssop, bgs.....lb. 1.25 - 1.80

I

Iceland moss, bgs.....lb. .50 - .53
Ichthammol, NF, bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.80
synth., paste, bots.....lb. .16½- .19
powd. bbls.....lb. .74½- .85
Indol, CP, bots.....lb.19.50 -23.00
Insect flowers (see Pyrethrum).
Iodine, crude, 35-lb. jars.....lb. 1.67 - —
150-lb. kgs.....lb. 1.25½- —
resubl., 5-lb. jars.....lb. 1.75 - 1.85
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
25-lb. jars or 5lb. dms.....lb. 4.20 - —
Ionone, ketone, bot.....lb. 6.00 - 9.00
Methyl, bot.....lb. 6.25 -12.00
Ipecac root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 60-80 mesh, bbls..lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd., 60-80 mesh, bbls..lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), anhydr., tech., dms., c.l., works..100 lbs. 4.97 - 5.25
l.c.l., works.....100 lbs. 5.50 - 6.05
cryst., tech., bbls., works, frt. alld..100 lbs. 4.00 - 6.00
USP X, lump, bbls.....lb. .07 - .08¼
solut., 42 Be, cbys., works, frt. alld. or equald...lb. .06¾- .08
djns., same basis.....lb. .10 - —
Citrate, USP VIII, gran., dms., lb. .79 - .76
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls.....lb. 2.40 - 2.52
Hypophosphite, bbls., dms...lb. 1.50 - 1.53
Iodide, bots.....lb. 3.18 - 3.32
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red., tech., dms.....lb. .08¾- .94
Oxalate, gran., dms.....lb. .23 - .25
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Phosphate, soluble, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 99%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17¾- —
Sulphate (ferric), anhyd., bgs., c.l., works..ton.85.00 - —
l.c.l., works.....ton.40.00 - —
(ferrous) tech. (see Copperas).
USP, cryst., bbls., dms...lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .32 - .36
scale, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23¼- —
dms., kgs.....lb. .25½- .26¼
Iron-soda oxalate, bbls., dms..lb. .23½- .26¼
Isobornyl acetate, cns., works.lb. .25 - .26
Propionate, dms., works.....lb. No prices
Isoeugenol, cns., works.....lb. 3.75 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l. E. of Rockies, same basis..lb. .11½- .13
tanks, E. of Rockies, same basis..lb. .10 - —
Alcohol (see Alcohol, isopropyl).
Ether, dms., c.l., dlvd.....lb. .06 - —
l.c.l.....lb. .06¼- —
tanks, dlvd.....lb. .04½- —
Isopropylamine, dms., works..lb. .25 - —

J

Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .32 - .33
powd., bbls., bxs.....lb. .38 - .39
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .50 - .70
Juniper tar, USP, dms.....lb. .85 - 1.00

K

Kamala, cns.....lb. .53 - .55
Kaolin (see China clay).
Kava kava root, bls.....lb. .28 - .29
Kerosene, at refinery: Ark., 42-44 w.w., tanks..gal. .05 - —
Bayonne, 41-43 w.w., tanks.. gal. .061 - —
California, 40-42 w.w., tanks, gal. .07 - —
Gulf ports, 41-43 w.w., tanks, gal. .04½- .05
Okla-Tex., 41-43 w.w., tanks, gal. .04875- —
Penn., 43 w.w., tanks....gal. .0655- .0705
47 w.w., tanks.....gal. .0705- —
Kola nuts, bgs.....lb. .09 - .10
Kyanite,[1] imp., low iron content, 10-mesh, whse..ton.85.00 -95.00
calcined, grain, 10-mesh, whse. ton.95.00 -105.00

L

Ladyslipper root, bls.....lb. 1.85 - 1.40
Lanolin (see Adeps lanae).
Lard,[1,7] pure, ref., trcs., c.l...lb. 15475- —
prime steam, trcs., c.l.....lb. .1475- —
Larkspur seed, bgs.....lb. .82 - .85
Laurel berries, bls.....lb. .25 - .28
Leaves, Cyprus, bls.....lb. .23½- .29¾
Greek, bls.....lb. No stocks
Portuguese, fair, bls.....lb. .12 - .12½
good, bls.....lb. .14 - .14½
Turkish, bls.....lb. .17 - .17¾
Lavender flowers, medium, bls.lb. .75 - .80
ordinary, bls.....lb. .48 - .60
select, bls.....lb. .90 - .95
Lead, acetate,[1] white, broken, bbls..lb. .12¾- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¾- —
Arsenate,[1,8] basic powder, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l.....lb. .12 - .12½
1-lb. ctns. c.l.....lb. .15½- .23¾
l.c.l.....lb. .19 - .23
standard paste, cns. c.l..lb. .05¾- .06
l.c.l.....lb. .06 - .06¼
powder, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l.....lb. .16½- .20¼
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l.....lb. .18½- .22¾
¼-lb. ctns., c.l.....lb. .21 - .25
¼-lb. ctns., l.c.l.....lb. .21½- .25½
Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V. bots.....lb. 2.80 - —
jars.....lb. 2.60 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal,[1,8] (see Protective Coatings Materials market).
Metallic paste, dms., works..lb. No stocks
Naphthenate, 24%-30%, Pb...lb. .14¾- .17¾
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls.lb. .23 - .28

MEKON

HIGH MELTING POINT MICROCRYSTALLINE WAX

Available Now...

MELTING POINT, 195-200°F. . . . (ASTM D 127-30)
PENETRATION, 3-8 . . . . . (ASTM D 5-25)
TYPE . . . . . Hard—Brittle
COLORS Yellow (2-2½ NPA) Amber (5-7 NPA) Black

Installation of a modern wax de-oiling (solvent extraction) unit has been completed at our Chanute, Kansas, refinery. Production is standardized and we now offer samples and quantity deliveries at competitive prices.

WARWICK WAX CO., INC.

A Division of Sun Chemical Corporation

580 FIFTH AVENUE, NEW YORK 19, N. Y. • 616 S. MICHIGAN AVENUE, CHICAGO 5, ILL.
29 N. SIXTH STREET, PHILADELPHIA 6, PA.

Lead, red, 95% Pb_3O_4 or less, bbls., c.l. (20 tons), divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.. lb. .09¼ -
other points..lb. .09¾ -
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾ -
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .10¾ -
Colo., Mont., N. Mex., Wyo..lb. .10 -
other points..lb. .09½ -
smaller lots, Ala., etc.lb. .10¼ -
Ariz., etc..lb. .10¾ -
Colo., etc..lb. .10½ -
other points..lb. .10 -
in oil, kgs..lb. .14 -
95% Pb_3O_4 bbls., c.l., divd. Ala., etc..lb. .09¼ -
other points..lb. .09¼ -
l.c.l., 5 tons, divd. Ala., etc..lb. .10 -
Ariz., etc..lb. .10¼ -
Colo., etc..lb. .10½ -
other points..lb. .09¾ -
smaller lots, divd. Ala., lb. .10¾ -
Ariz., etc..lb. .11 -
Colo., etc..lb. .10¾ -
other points..lb. .10¾ -
98% Pb_3O_4, bbls., c.l. (20 tons), divd., Ala., etc. lb. .09¾ -
other points..lb. .09½ -
l.c.l., 5 tons, divd. Ala., etc..lb. .10¼ -
Ariz., etc..lb. .10¾ -
Colo., etc..lb. .10½ -
other points..lb. .10 -
smaller lots, divd. Ala., etc..lb. .10¼ -
Ariz., etc..lb. .11¼ -
Colo., etc..lb. .11 -
other points..lb. .10½ -
Resinate, precip 28.5% Pb., dms..lb. .17½ -
Silicate, bgs..lb. .0730- .0750
Soyate, 26.15% Pb., dms..lb. .22½ -
Stearate, bbls..lb. .81 - .88
Sulphate (see Lead, blue; Lead, white, basic sulphate).
Tallate, 10% Pb. dms..lb. .06½ -
Titanate, bgs., bbls., c.l., l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼ -
Pac. Cst., ex whse..lb. .11½ -
smaller lots, E. frt. alld. lb. .11¾ -
Pac. Cst., ex whse..lb. .11¾ -
White, basic carbonate, bbls., c.l., divd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .06½ -
divd. other points..lb. .06¾ -
l.c.l., divd. Ariz., etc..lb. .06¾ -
other points..lb. .06¾ -
basic sulphate, dry, bbls., c.l., divd. Ariz., etc..lb. .07¼ -
other points..lb. .07¼ -
l.c.l., divd. Ariz., etc. lb. .08 -
in oil, consumers, kgs..lb. .18¼ - .18½
painters, kgs..lb. 17½ - 18½
Lecithin, edible, dms., c.l..lb. .26½ -
l.c.l..lb. .28½ - .37
in cocoa butter, dms., c.l..lb. .33½ -
l.c.l..lb. .40¾ - .50
tech., dms., c.l..lb. .25½ -
l.c.l..lb. .26½ - .45
vegetable, pure, bots, 100 lbs. lb. 2.75 -
Lemon peel, bls..lb. .30 - .35
Licorice extract, mass, cns..lb. .25 - .75
powd., bbls..lb. .60 - .80
Root, Indian, bls..lb. .12 - .14
powder, bbls..lb. .18 - .20
Russian, bls..lb. .12 - .16
Spanish, bls..lb. .12 - .13
Turkish, bls..lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 -
Lime, chemical (quicklime) lump, pebble, Adams, Mass..ton. 8.00 -
Annville, Pa..ton. 7.50 -
Bellefonte, Pa..ton. 7.50 -
Berkeley, W. Va..ton. 7.50 -
Buffalo, N. Y..ton. 9.25 -
Carey, Ohio..ton. 7.00 -
Cedar Hollow, Pa..ton. 8.50 -
Crab Orchard, Tenn.ton. 6.90 -
Eagle Mountain, Va.ton. 7.65 -
Farnams, Mass..ton. 8.00 -
Gibsonburg, Ohio..ton. 7.50 -
Hannibal, Mo..ton. 6.50 -
Keystone, Ala..ton. 6.90 -
Knoxville, Tenn..ton. 6.90 -
Limedale, Ark..ton. 7.00 -
Longview, Ala..ton. 6.90 -
Manistique, Mich..ton. 8.00 -
Marblehead, Ohio..ton. 7.50 -
Martinsburg, W. Va.ton. 7.50 -
Menominee, Mich..ton. 8.00 -
Mitchell, Ind..ton. 6.50 -
Newala, Ala..ton. 6.90 -
Ripplemead, Va..ton. 7.65 -
Riverton, Va..ton. 7.65 -
Rockland, Maine..ton. 8.00 -
Scioto, Ohio..ton. 6.50 -
Sherwood, Texas..ton. 6.90 -
Sherwood, Wisc..ton. 8.50 -
Springfield, Mo..ton. 7.00 -
Woodville, Ohio..ton. 7.50 -
York, Pa..ton. 7.50 -
Hydrated, Adams, Mass..ton. 9.00 -
Annville, Pa..ton. 9.00 -
Bellefonte, Pa..ton. 9.00 -
Berkeley, W. Va..ton. 9.00 -
Buffalo, N. Y..ton. 9.50 -
Carey, Ohio..ton. 8.50 -
Cedar Hollow, Pa..ton.10.00 -
Crab Orchard, Tenn..ton. 9.65 -
Eagle Mountain, Va..ton. 9.15 -
Farnams, Mass..ton. 9.00 -
Gibsonburg, Ohio..ton. 8.50 -
Hannibal, Mo..ton. 8.50 -
Keystone, Ala..ton.10.65 -
Knoxville, Tenn..ton. 9.65 -
LeRoy, Minn..ton.10.00 -
Limedale, Ark..ton. 9.00 -
Longview, Ala..ton. 9.65 -
Manistique, Mich..ton. 9.50 -
Marblehead, Ohio..ton. 9.50 -
Martinsburg, W. Va..ton. 9.00 -
Menominee, Mich..ton. -
Mitchell, Ind..ton. 9.00 -
Newala, Ala..ton. 9.65 -
Petoskey, Mich..ton. 9.00 -
Port Island, Mich..ton. 9.00 -
Rapid City, S. Dak..ton.12.00 -
Ripplemead, Va..ton. 9.15 -
Rockland, Maine..ton. 9.00 -
Scioto, Ohio..ton. 8.00 -
Sherwood, Tenn..ton.10.65 -
Sherwood, Wisc..ton.10.00 -
Springfield, Mo..ton. 9.00 -
Woodville, Ohio..ton. 8.50 -
York, Pa..ton. 9.00 -
Lime, spray, paper bgs., Adams, Mass..ton.10.00 -
Annville, Pa..ton.10.00 -
Bellefonte, Pa..ton.10.00 -
Carey, Ohio..ton.11.00 -
Farnams, Mass..ton. 9.50 -
Gibsonburg, Ohio..ton.10.00 -
Marblehead, Ohio..ton.10.00 -
Rockland, Maine..ton.10.00 -
Scioto, Ohio..ton.10.00 -
Woodville, Ohio..ton.10.00 -
York, Pa..ton.10.00 -
Lime salts (see Calcium).
Lime-ammonia-nitrogen[6] 20.5% N. (see Ammonia nitrate-lime-stone).
Linalool, cns..lb. 7.75 - 7.80
Linalyl acetate, ex Bois de rose, bots..lb. 8.50 -
ex lignaloe wood, bots..lb. 7.75 - 8.40
ex petitgrain, bots..lb. 3.90 - 4.10
Linden flowers with leaves, bls., lb. .85 - .90
Linseed meal,[1,7] 34% bulk, c.l. ton.45.00 -
32% bulk, c.l..ton.43.00 -
Litharge, com'l, powd., bbls., c.l., divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¼ -
other points..lb. .08 -
l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .08¾ -
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼ -
Colo., Mont., N. Mex., Wyo..lb. .08 -
other points..lb. .08½ -
smaller lots, divd. Ala., etc..lb. .09¾ -
Ariz., etc..lb. .09¾ -
Colo., etc..lb. .09½ -
other points..lb. .09 -
Lithium carbonate, NF, bbls., kgs..lb. 1.25 - 1.30
Bromide, bbls., 100-lb. lots, works, frt. equald..lb. 1.90 -
smaller lots, works..lb. 1.92 - 1.95
Chloride, jars..lb. 1.65 - 1.70
Citrate, bbls., dms., kgs..lb. 1.40 - 1.41
Fluoride, bbls..lb. 2.45 - 2.66
Hydroxide, jars..lb. 1.25 - 1.46
Iodide, bots..lb. 5.20 -
jars..lb. 5.05 -
Stearate, fib. dms., 8 tons, works..lb. .80 -
Lithopone,[1] ordinary, bgs., c.l. (20 tons)..lb. .04¼ -
l.c.l..lb. .04¼ -
bbls., c.l..lb. .04¼ -
l.c.l..lb. .04¾ -
titanated, (high-strength), bgs., c.l..lb. .0560- -
smaller lots..lb. .0585- -
bbls., c.l..lb. .0585- -
smaller lots..lb. .0610- -
Lithopone, c.l., divd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls..lb. .85 - .90
Lobelia herb, bls..lb. 1.10 - 1.15
Lobeline sulphate, bots., wks..oz.25.50 -43.00
Logwood extract, crystals, No. 1, bbls., l.c.l..lb. .24 -
No. 2, bbls., l.c.l..lb. .22 -
liquid, No. 1, bbls., c.l...lb. .17 -
No. 2, bbls., l.c.l..lb. .16 -
No. 3, bbls., l.c.l..lb. .15½ -
No. 4, bbls., l.c.l..lb. .15 -
solid, No. 1, bgs., l.c.l...lb. .23 -
No. 2, bxs., l.c.l..lb. .20 -
bbls., c.l., Zone 1..lb. .09½ -
No. 4, bxs., l.c.l..lb. .23 -
No. 3, bxs., l.c.l..lb. .23½ -
No. 5, bxs., l.c.l..lb. .21½ -
No. 6, bxs., l.c.l..lb. .20½ - .44½
Lovage root, American (ligusticum actae folium), bls..lb. 1.20 - 1.50
Lupulin, NF, tin..lb.12.75 -13.00
Lycopodium, USP, cs..lb. 1.75 - 2.00

M

Mace,[1,7] Amboyna, cs..lb. .77 Nom.
Banda, cs..lb. .96 Nom.
West Indian, bgs..lb. .62 Nom.
No. 1, bgs..lb. .60 Nom.
broken, bgs..lb. .55 Nom.
Madder, Dutch, bbls..lb. .24 - .30
Magnesia arsenate,[1] dms..lb. .153 - .19
Calcined, tech., USP, bbls., works..lb. .26 -
Carbonate, tech., bgs., c.l., l.c.l., Zone 1..lb. .07¼ -
bbls., c.l., Zone 1..lb. .07½ -
l.c.l., Zone 1..lb. .08¼ -
kgs., c.l., Zone 1..lb. .08¾ -
l.c.l., Zone 1..lb. .09¾ -
USP, bgs., c.l., Zone 1..lb. .08 -
l.c.l., Zone 1..lb. .09 -
bbls., c.l., Zone 1..lb. .08½ -
l.c.l., Zone 1..lb. .09½ -
kgs., c.l., Zone 1..lb. .08¾ -
l.c.l., Zone. 1..lb. .10¾ -

Magnesia carbonate prices, basis Phillipsburg, N. J., and Plymouth Meeting, Valley Forge, Pa.; l.c.l. prices ¼c. lower, Zone 2 store delivery; store door delivery, both zones. Zone 1—Conn., Del., D. C., Md., Mass., N. J., N. Y., Pa., and R. I.; Zone 2, remainder of U. S.

Chloride, anhyd., bbls., divd.lb. .12¾ -
flake, bbls., c.l., works..ton.82.00 -
l.c.l., works..ton.89.00 -42.00
Fluoride, bbls..lb. .20 - .21
Hydroxide, medicinal, bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns..lb. 1.45 -
Laurate, bbls..lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls. lb. .60 -
Silicate (see Talc).
Silicofluoride, bbls..lb. .08 - .09
Stearate, ctns..lb. .21 - .23
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 -
smaller lots..lb. .42 -
Magnesite, cal., powd., bgs., c.l., mines, Calif..ton.88.75 -
dead-burnt,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride, dms., c.l..lb. .25 -
l.c.l..lb. .26 -
Malva flowers, black, bls..lb. No stocks
blue, bls..lb. 1.25 - 1.30
Leaves, bls..lb. .43 - .44
Manaca root, bls..lb. .50 - .51
Mandrake root, bls..lb. .33 - .34
Manganese acetate, dms..lb. .23½ -
Arsenate,[6] bgs..lb. .22 -
Borate, tech., bbls..lb. .16 -
Carbonate, bbls..lb. .10 -
Chloride, anhyd., bbls..lb. .15 - .18
Dioxide, African, battery, 84%-87%, bbls., 28-40 tons, works..ton.74.00 -
smaller lots, works..ton.77.00 -82.00
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 -
smaller lots, works..ton.77.00 -82.00
85-90%, burlap bgs., c.l., works..ton.71.75 -
l.c.l., works..ton.74.75 -79.75
paper bgs., c.l., works.ton.70.00 -
l.c.l., works..ton.73.00 -
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 -
100-lb. lots..lb. 3.15 -
cns., 25 lbs..lb. 3.27 -
Hydrate, bbls., divd..lb. .26 -
Iodide, bots..lb. 5.70 -
jars..lb. 5.55 -
Linoleate, liquid, 4%, dms..lb. .20 -
solid, precip., 8.2%, bbls...lb. .22 -
Naphthenate, 6% Mn, dms..gal. .16 -
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms..lb. .14½ - .15½
Soyate, 8.2% Mn, dms..lb. .22 -
Sulphate, anhyd., dms., works, lb. No stocks
feed grade, 77-80%, bgs...lb. .04 - .05
fertilizer grade, 62%, bgs., c.l., divd. East..ton.59.50 -
l.c.l., same basis, or Balto. or Cincinnati...ton.68.50 -
industrial grade, 50%, bgs..lb. .05 - .05¾
Tallate, 4% Mn, dms..lb. .09 -
Mangrove bark,[1,8] E. Africa, 38% tannin, c.l., ex dock, U. S. ports..ton.63.00 -64.00
Manna, flake, large, cs..lb. No stocks
small, cs..lb. No stocks
Mannitol,[6] com'l, bbls., works..lb. .35 - .40
reagent, cs. or multiples, works..lb. .65 -
Marjoram, Argentine, bls..lb. .14 Nom.
California, French type, new crop, bls., Pacific Coast..lb. .34 - .35
Chilean, bls..lb. .12 - .12½
Matico leaves, bls..lb. .22 - .34
Menadione, USP, bots..gram. .10 -
Menthol, natural, USP, cns...lb. 5.00 - 5.25
synthetic, tech., cns..lb. No prices
USP, laevo, cns..lb. No prices
racemic, cns..lb. 4.00 - 4.65
Menthyl salicylate, tins..lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .75
30%, pails..lb. 1.30 -
50%, pails..lb. 1.85 - 1.90
Mercury bichromate (see Corrosive sublimate).
Bisulphate, dms..lb. 2.59 - 2.61
Chloride (see Calomel).
Cyanide, cryst., powd..lb. 3.86 -
Iodide, red, NF, dms., kgs..lb. 4.30 -
yellow, fib. dms., kgs..lb. 4.38 -
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate).
yellow, USP, fib. dms..lb. 2.94 - 2.96
tech. (see Yellow, mercury oxide).
Mercury and chalk, dms..lb. 1.66 - 1.76
Mesityl oxide, dms., c.l., divd..lb. .11½ -
l.c.l., divd..lb. .12 -
tanks, divd..lb. .10½ -
Metal leaf, composition, 5½x6½ in..pkg. 3.00 -
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 -
Silver, 3⅜x3⅜ in..pkg. 8.00 -
Metanitroparatoluidin, bbls...lb. 1.05 - 1.10
Metaphenylenediamine, kgs...lb. .65 -
Metatoluylenediamine, kgs...lb. .70 -
Methanol,[1] natural, all grades, dms., c.l., E. of Miss. R. gal. .63 -
l.c.l., same basis..gal. .73 -
tanks, same basis..gal. .60 -
Inside prices on natural methanol W. of Miss. R., 3c. higher.
Synthetic, dms., c.l., Zone 1, frt. alld..gal. .24 -
2, frt. alld. or divd...gal. .24 -
3, frt. alld..gal. .26 -
4, frt. alld..gal. .28 -
l.c.l., Zone 1, frt. alld. or divd..gal. .26 -
2, frt. alld..gal. .28 -
3, divd. S. F. and L. A. gal. .41 -
4, frt. alld. or divd...gal. .51½ -
tanks, Zone 1, frt. alld...gal. .24 -
2, frt. alld..gal. .27 -
3, frt. alld..gal. .29 -
4, frt. alld..gal. .39 -

Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in zone 4 have the option of buying at the delivered zone 4 price or at the zone 3 price, f.o.b. Los Angeles and San Francisco.

Methyl abietate, non-ret. dms., c.l., divd..lb. .06½ -
10 dms., divd..lb. .09¾ -
1-9 dms., divd..lb. .10¾ -
hydrogenated, non-ret. dms., c.l., divd..lb. .12 - .15½
10 dms..lb. 13½ - .16¾
1-9 dms..lb. .14¼ - .17¾
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½ - .12
W. of Miss..lb. .11½ - .12
l.c.l., E. of Miss..lb. .11 - .14
W. of Miss..lb. .12 - .13½
tanks, E. of Miss..lb. .09¼ -
W. of Miss..lb. .10½ -
tech., dms., c.l., E. of Miss. lb. .07 - .09
W. of Miss..lb. .08 -
l.c.l., E. of Miss..lb. .07½ - .11
W. of Miss..lb. .08¼ - .10½
tanks, E. of Miss..lb. .06 -
W. of Miss..lb. .07 -
Acetoacetate, dms., c.l., works, frt. alld..lb. .80¼ -
Acetone, natural, Group A, dms., incl. E. of Miss., frt. alld..gal. .86 -
l.c.l., same basis..gal. .76 -
tanks, same basis..gal. .69 -
Natural methyl acetone prices W. of Miss R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 -
Zone 2, same basis.gal. .65 -
Zone 3, same basis.gal. .67 -
Zone 4, same basis.gal. .69 -
l.c.l., Zone 1, same basis, gal. .66 -
Zone 2, same basis.gal. .68 -
Zone 3, same basis.gal. .70 -
Zone 4, same basis.gal. .83 -
Methyl acetone, nat., group B, tanks, Zone 1, same basis. gal. .60 -
Zone 2, same basis.gal. .62 -
Zone 3, same basis.gal. .64 -
Zone 4, same basis.gal. .64½ -

Natural methyl acetone zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Synthetic, dms., c.l., Zone 1. gal. .51 -
Zone 2..gal. .52 -
Zone 3..gal. .53½ -
Zone 4..gal. .54½ -
l.c.l., Zone 1..gal. .54½ -
Zone 2..gal. .57 -
Zone 3..gal. .58 -
Zone 4..gal. .59½ -
tanks, Zone 1..gal. .43 -
Zone 2..gal. .44½ -
Zone 3..gal. .45½ -
Zone 4..gal. .45½ -

Synthetic methyl acetone zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore. and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, bots..lb. 2.20 - 2.35
Benzoate, cns..lb. .48 - .51
Bromide, cns..lb. .75 - .80
cyls..lb. .65 - .75
Chloride, refrigeration, cyls., 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 -
service men and consumers, cyl..lb. .36 -
60 to 499 lbs., mach. mfrs. and jobbers..lb. .36 -
service men and consumers..lb. .40 -
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 -
service men and consumers..lb. .36 - .40

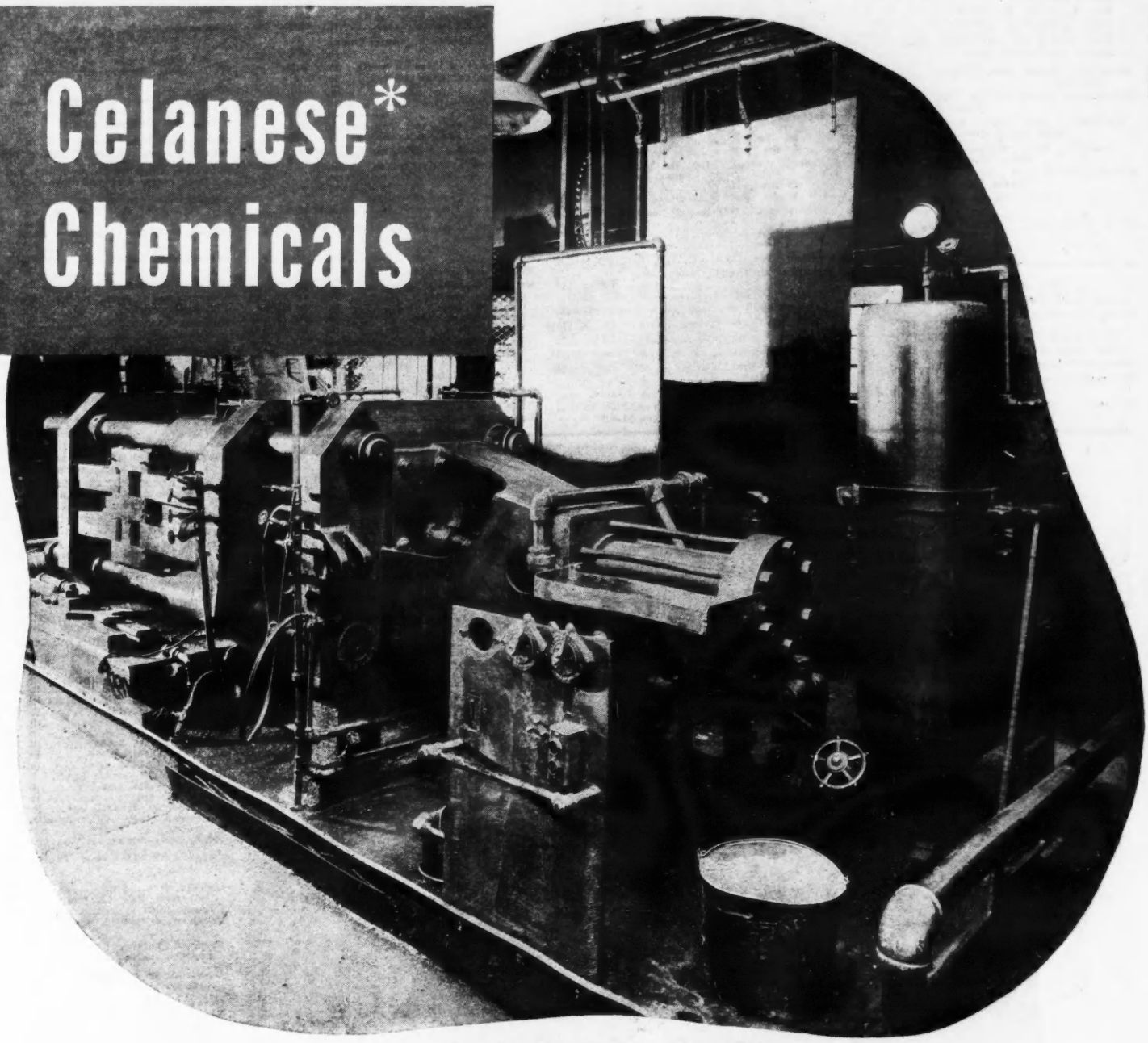
Methyl chloride quotations are spot or contract, ship. point; prices above are in 60, 90 and 180-lb. cylinders; 20-lb. cylinders, 10c. per pound higher.

Cinnamate, cns..lb. 2.50 - 3.50
Formate, dms..lb. .38 -
Iodide, bots..lb. 4.00 - 4.15
Lactate, dms., c.l., divd..lb. No stocks
Oleate, dms., c.l..lb. .35 -
Salicylate,[1] dms., 500 lbs..lb. .35 -
25-50 lbs..lb. .37 - .38
Methylamyl ketone, cns., dms., works..lb. No stocks
Methylcellulose, special, vis. (4,000 cps.) fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 -
smaller lots, frt. alld..lb. .65 - .70
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 -
smaller lots, frt. alld...lb. .55 - .63
Methylcyclohexane, 98-100%, dms., works..lb. .16 -
Methylcyclohexanol, 98-100%, dms., works..lb. .28 -
Methylcyclohexanone, 98-100%, dms.. works..lb. No stocks
Methylene blue, USP, kgs. 100 lbs. 2.00 - 2.15
cns., 5 lbs..lb. 2.35 -
Chloride, refrig., dms., wks..lb. .18 - .28
solvent, dms., works..lb. .13 - .15
Methylethyl ketone, dms., divd. lb. .09 -
l.c.l., divd..lb. .09¼ -
tanks, divd..lb. .08 -
Methylhexyl ketone, dms., tech., works—lb. .60 -
Methylisobutyl carbinol (see Carbinol, methylisobutyl).
Methylisobutyl ketone, dms., c.l., divd..lb. .11½ -
l.c.l., divd..lb. .13 -
tanks, divd..lb. .10½ -
Methylnaphthyl ketone, cns...lb. 3.25 - 3.75
Methylpentanediol, dms., c.l., works..lb. .16 -
l.c.l., works..lb. .16½ -
1 and 5-gal. cont., works..lb. .20½ - .23¼
tanks, works..lb. .15 -
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works.ton.47.50 -
l.c.l., works..ton.51.00 -
roofing, 20 mesh, bgs., c.l., works..ton.32.50 -33.00
l.c.l., works..ton.38.00 -40.00
30-31 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works..ton.37.50 -40.00
40-45 mesh, bgs., c.l., works, ton.32.50 -35.00
l.c.l., works..ton.37.50 -40.00
80 mesh, bgs., c.l., works, ton.40.00 -42.50
l.c.l., works..ton.44.00 -45.50
graphitic, bulk, Pa., mines, ton.80.00 -
wet-grd., biotite, bgs., c.l., works, frt. alld. E..lb. .04½ -
l.c.l., ex whse., or frt. alld. E..lb. .05 -
extra fine, bgs., c.l., works, frt. alld. E..lb. .04¾ -
l.c.l., ex whse. or frt. alld. E..lb. .05¼ -
paint or lacq., bgs., c.l., works, frt. alld. E..lb. .05¼ -
l.c.l., ex whse. or frt. alld. E..lb. .06 -
rubber, bgs., c.l., works, frt. alld. E..lb. .05¼ -
l.c.l., ex whse. or frt. alld. E..lb. .05¾ -
wallpaper, bgs., c.l., works, frt. alld. E..lb. .05½ -
l.c.l., ex whse, or frt. alld. E..lb. .06 -
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .06½ -
l.c.l., ex whse. or frt. alld. E..lb. .07 -

Mica, wet-grd., W. of Miss. R., ¼c. higher; W. of Rockies, ⅜c. higher.

Milk powder,[1,7] skimmed, roller, bulk, c.l..lb. .14¼ -
spray, bulk, c.l..lb. .13¾ -
whole, roller, bbls., c.l.....lb. .29 -
spray, bbls., c.l. .lb. .30 -
Milk sugar,[1] bbls., c.l., works.lb. .26 -
l.c.l., works..lb. .30¾ - .31¼
Mineral spirits (see Petroleum, mineral spirits).

Celanese* Chemicals



Diecasting machine in plant of Advance Pressure Castings, Inc., Brooklyn. The non-flammability of Celanese hydraulic fluids eliminates the fire hazard due to line breaks.

LINDOL* · CELLULUBE* · SAFE HYDRAULIC FLUIDS

Engineers are finding extensive use for the Celanese organic phosphates, Lindol and Cellulube, as hydraulic fluids—particularly in applications where the flammability of mineral oil threatens worker's safety and production. In diecasting, for example, the non-flammability of these compounds virtually eliminates the fires due to line breaks and other causes.

Lindol and Cellulube in addition to their non-flammability are non-oxidizing, non-volatile and exceptionally stable.

The industrial development of the organic phosphates has been the subject of many years research at Celanese. From limited usefulness these hydrocarbon compounds have been elaborated and refined to a point where they serve a broad range of industrial purposes. Celanese Chemical Corporation, a division of Celanese Corporation of America, 180 Madison Ave., New York 16, N.Y.

PLASTICIZERS

ORGANIC PHOSPHATES

LUBRICANT ADDITIVES

INTERMEDIATES

DYESTUFFS

Celanese Corporation of America · Textiles · Plastics · Chemicals

*Reg. U. S. Pat. Off.

Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .19 - —
Area 2 .....gal. .18½- —
Area 3.....ton.20.00 - —
Area 4.....ton.20.00 - —
tanks, Area 5.....ton.54.00 - —
Area 1, Fla., Ga., La., Tex.; Area 2, Mass. Md., N. J., N. Y.; Area 3, Calif.; Area 4 Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash. Wyo.; Area 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate)

Molybdenum metal,[1,9] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[1,3] pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —

Monoamylamine, dms., c.l., works, basis 100%..lb. .61 - —
l.c.l., works, basis 100%, lb. .64 - —

Monochlorobenzene, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .07 - .09

Monoethanolamine, dms., c.l., frt. alld. E..lb. .24 - —
l.c.l., same basis.....lb. .26 - —
tanks, same basis.....lb. .23 - —

Monoethylamine, dms., c.l., works basis 100%..lb .17 - —
l.c.l., works, basis 100%...lb. .18 - —
tanks, 100% basis, works....lb. .15 - —

Monomethylamine, dms.....lb. .65 - —

Monomethylpara-aminophenol sulphate, dms..lb. 2.40 - 2.90

Monosodium phosphate (see Soda phosphate, monobasic)

Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —

Morpholine, dms., l.c.l., works, lb .67 - —
smaller containers, works...lb. .75 - —

Mullein leaves, cns.....lb. .12 - .13

Musk, nat., Tonquin, grains, bots., oz.55.00 -60.00
synthetic, ambrette, cns., 100 lbs., or more..lb 4.00 - 9.10
25 lbs.....lb 4.10 - 9.10
5 lbs.....lb 4.25 - 9.45
ketone, cns., 100 lbs. or more..lb 4.15 - 9.35
25 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more. lb. 1.40 - 2.00
25 lbs.....lb. 1.50 - 2.00
5 lbs.....lb. 1.65 - 2.00

Muskroot, bls.....lb. 2.25 - 2.30

Mustard seed, Calif., brown, bgs, lb. .14½- .15
yellow, bgs.....lb. .21 Nom.
Danish, yellow, bgs.....lb. .21½- .25
Montana, brown, bgs.....lb. .11 - .11½
oriental, bgs.....lb. .11½- .12
yellow, bgs.....lb. .26 - .26½
Swedish, bgs., futures.....lb. .38 - .38½
Washington, yellow, bgs...lb. .26 Nom.

Myrobalans,[1] whole, J1, U. S. ports, ex dock..ton.57.00 - —
J2, same basis.....ton.51.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see P).

Naphthalene, crude, dom., 74°, bgs., c.l., frt. equald..lb. .08 - —
bbls., c.l., same basis...lb. .081 - —
tanks, same basis.....lb. .0775- —
78°, bgs., c.l., same basis.. lb. .0825- —
bbls., c.l., same basis...lb. .0825- —
tanks, same basis.....lb. .08 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis.....lb. .08½- —
1-lb. pkgs., same basis...lb. .08¾- —

Neocinchophen, USP, dms.....lb. 7.00 - 7.10

Nepheline syenite,[1] glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —

Nephelinesyenite in bgs. is $2 per ton higher than bulk.

Nerolin, crys., cns.....lb. 1.70 - 1.80

Niacin (see Acid, nicotinic).

Nickel, carbonate, bbls.....lb. .36 - .55½
Chloride, bbls.....lb. .18 - .20
Cyanide, bots., dms.....lb. No stocks
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½

Nicotine sulphate, 40%, dms., 50 lbs. to dealers, frt. allowed over 96 lbs..lb. .3660- —
tins, 10 lbs.....lb. 1.015 - —

Nicotinamide, USP, dms....kilo.11.00 -11.80

Nikethamide, bots., cbys.....lb. 9.00 -12.00

Nitercake, bulk, works.....ton.16.00 - —

Nitrobenzene, dbl. dist., dms., c.l., lb. .06 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .07 - —

Nitrocellulose, alcohol-soluble, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., works, dry weight..lb. .26 - —
5-6, 15-20 cps. and higher, bbls., works, dry weight, lb. .28 - —

Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.

Nitroethane, dms., works.....lb. .25 - —
Nitrogen solut., tanks.....ton N.16.21 - —

Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis.

Nitrogenous process tankage,[1,7] Hopewell, Va., bulk, works, unit-ton. 3.15 - 3.50
Sewage sludge,[1] bulk, works, unit-ton. 2.60 + .40 - 3.00 + .40

Nitromethane, dms., c.l., works, lb. .25 - —

Nitronaphthalene, bots.....lb. .24 - .26

Nitropropane I, dms., works...lb. .25 - —
II, dms., works.....lb. .25 - —

Nutgalls,[6] Aleppo, bgs.....lb. No stocks
Chinese, bgs.....lb. No stocks

Nutmegs,[1,7] West Indian, No. 1, futures..lb. .34¼- .34⅝

Nux vomica, bls.....lb. .10 - .11
powder, bbls., bxs.....lb. .13½- .14

O

Oakbark extract,[1,6], 25% tannin, bbls., c.l., works..lb. No stocks

Octane,[1] 100° C-140° C, industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G. S.....gal. .29 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —

Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —

Oil, almond, artificial (see Benzaldehyde).
Bitter, F.P.C., bots.....lb. 4.60 - 5.25
USP, bots.....lb. No prices
Sweet, exp., dms., cns.....lb. 1.10 - 1.40

Angelica root, bots.....lb.120.00 -140.00
Seed, bots.....lb. No stocks

Anilin (see A).

Anise, Russian, USP, cns....lb. 4.00 - —
Chinese, dms.....lb. 3.25 - 3.50
Apricot kernel, cns.....lb. .45 - .50
Avocado, cns., dms.....lb. 1.00 - 1.10
Babassu,[1,7] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns....lb. 1.40 - 1.65
Puerto Rican, 50-55%, cns..lb. 1.75 - —
Bergamot, artif., cns.....lb. 2.25 - 6.00
natural, Italian, cns.....lb. 8.00 -10.00

Birch (see Oil, sweet birch).

Birchtar, crude, cns.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de rose, Brazil, cns....lb. 5.00 - 7.00
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70

Cade, USP IX (see Juniper tar).

Cajeput, tech., dms.....lb. 2.25 - —
redistilled, USP IX, cns....lb. 2.40 - —
Calamus, cns.....lb.20.00 -24.00
Camphor, synthetic, white, cns. lb. .20 - .40
Cananga, native, cns.....lb. 8.00 -10.00
rectified, cns.....lb.10.50 -11.50

Capsicum (see Capsicum, oleoresin).

Caraway, NF, cns.....lb. 8.00 -10.25
Cardamom, bots.....lb.16.50 -22.50
Cassia, USP, cns.....lb. 9.50 -11.00
Castor,[1] blown, ref. dms., c.l. lb. .16½- —
l.c.l. .....lb. .17½- —
cold pressed, USP, cns....lb. .17 - .19
dms., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
tanks .....lb. .1430- —
dehydrated, bodied, dms., c.l. lb. .1975- —
l.c.l. .....lb. .2015- —
tanks .....lb. .1985- —
unbodied, dms., c.l.....lb. .1875- —
l.c.l. .....lb. .1915- —
tanks .....lb. .1825- —
No. 3, tech., dms., c.l....lb. .14½- —
l.c.l. .....lb. .15½- —
tanks .....lb. .14 - —
sulphonated, 50% (45% fat), dms., c.l..lb. .10 - .10¼
l.c.l. .....lb. .10¼- .11
75% (63% fat), dms., c.l..lb. .12½- .12¾
l.c.l. .....lb. .13 - .13¼
80% (68% fat), dms., c.l..lb. .12¾- .13
l.c.l. .....lb. .13¼- .13½

Cedarleaf,[1] USP, cns., dms..lb. 2.55 - 2.65
Cedarwood, USP, cns., dms..lb. .90 - 1.15
Celery, bots.....lb.16.50 -18.00
Chaulmoogra, USP, cns.....lb. .60 - .65
Chinawood (see Oil, tung).

Cinnamon bark, bots.....lb.32.50 -45.00
leaf, dms.....lb. 1.40 - 1.85
Citronella, Ceylon, cns.....lb. 1.70 - 1.85
Clove, USP, cns.....lb. 1.50 - 1.85

Coconut,[1,7] crude, Ceylon, bulk, c.i.f. N. Y..lb. .0685- —
Cochin type, bulk, c.i.f. N. Y..lb. .0925- —
Manila, bulk, c.i.f. N. Y..lb. .0825- —
ref. dms .....lb. .0685- .0925
edible, ex tax, dms.....lb. .0985- —

Cod, Newfoundland, dms....gal. .80 - .90
tanks .....gal. .66 - —
Cod liver, USP, bbls., dms..gal. 2.15 - 2.25
Coriander, bots.....lb.25.00 -35.00
Corn,[1,7] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¾- .19¼
tanks .....lb. .1502- —
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E.lb. .08¼- —
Cottonseed,[2,7] crude, tanks, works..lb. .12¾- .13⅛
foots, acid, 95% tanks, dlvd. E..lb. .07¾- —
raw, 50%, tanks, dlvd. E.. lb. .08¾- —
salad, l.c.l., dms.....lb. .16¾- .17

Creosote (see C).

Croton, NF, cns.....lb. No prices
Cubeb, cns.....lb. No prices

Crude (see Petroleum, crude).

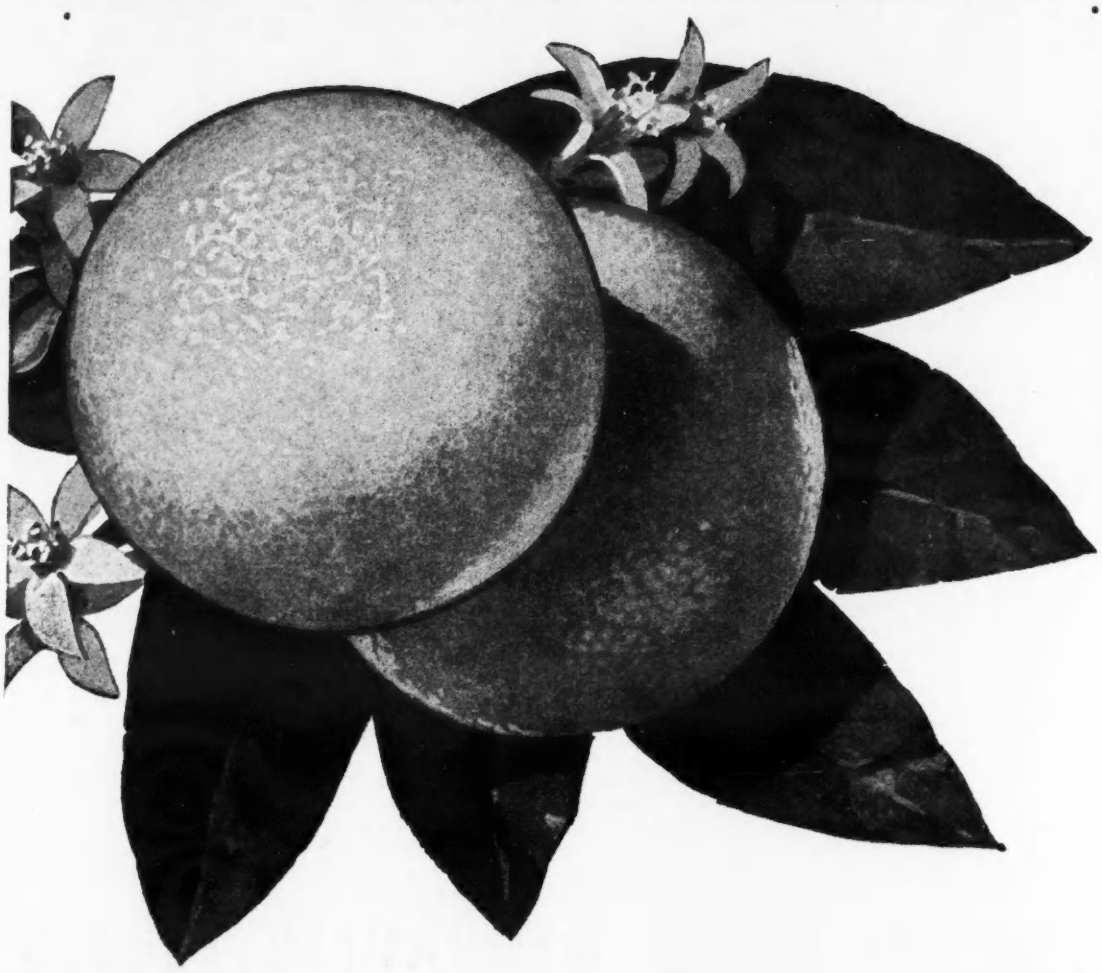
Cumin, bots.....lb.22.00 - —
Cypress, bots.....lb.12.00 -16.00

Degras (see D).

Dillseed, bots.....lb. 6.00 - 7.00
Dillweed, bots.....lb. 4.25 - 4.80

Dip (see D).

Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, 80-90%, cns....lb. 1.15 - 1.40
Fennel, sweet, cns.....lb. 3.75 - 4.00
Fir, Canada, cns.....lb. 2.25 - 2.60



You can't afford *not* to use it!

The flavor you put in your product is the *decisive ingredient*. For flavor is what the consumer buys. He judges *quality* by *taste*.

Exchange Oil of Orange gives you more *real orange flavor*, drop for drop or pound for pound, than any other orange oil. That's why more leading American manufacturers use it.

Compare Exchange Oil of Orange with any other offered. Give it all your tests for *quality*, *uniformity* and *strength*. Then you will buy Exchange Brand.

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The Exchange Orange Products Co., Ontario, Calif.

Exchange
OIL OF
ORANGE
U. S. P.

Oil, fishliver,[1] dms., less than 40,000 A units per gram... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns....lb. No stocks
Geranium, Bourbon, cns.....lb.16.50 -22.00
Russian, cns.....lb. No stocks
Turkish (see Oil, palmarosa).
Ginger, dist., bots.....lb.12.00 -14.00
Grapefruit, cns.....lb. 2.05 - 2.75
Grease, common, No. 1, bbls., c.l...lb. .14 - —
extra, No. 1, bbls., c.l.....lb. .14½- —
Winter strained, bbls., c.l..lb. .15 - —
prime, burning, bbls., c.l..lb. .16 - —
inedible, bbls., c.l.....lb. .15½- —
Guaiacwood, cns.....lb. 3.10 - 4.00
Hemlock, cns.....lb. 2.60 - —
Herring,[1] crude, tanks, Pac. coast..lb. .089 - —
Juniper, berry, dom., bots....lb. 6.50 - 8.50
Juniper tar, USP (see Juniper Tar).
Juniper wood, dom., bots....lb. .90 - 1.00
Lard oil (see Oil, grease).
Laurel, bots.....lb. No prices
Lavandin, cns.....lb. 5.75 - 8.00
Lavender flower, French, 38%-42% ester, cns..lb.13.00 -17.00
30-32% ester.....lb. 8.50 - —
Russian, cns.....lb.14.50 - —
spike, Spanish, pure, cns..lb. 2.65 - 3.10
tech., cns.....lb. 2.40 - 3.00
Lemon, USP, Calif., cns.....lb 3.25 - —
Messina,[1] cns.....lb. No stocks
Terpeneless, bots.....lb.42.00 -50.00
Lemongrass, cns., dms.....lb. 2.95 - 3.85
Lignaloe seed, Mexican, cns. lb. No stocks
wood, Mexican, cns.....lb. 4.45 - 4.95
Brazilian (see Bois de Rose).
Lime, distilled, Mexican, cns. lb. 6.00 - 7.25
West Indian, cns.....lb. 7.00 - 7.50
expressed, West Indian, cns., lb.13.50 -16.00
Linseed,[1,7] raw, dms., c.l....lb. .1550- —
l.c.l. .....lb. .1600- .160
tanks .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 higher than raw.
Linseed, replacement, dms., c.l..lb. .1400- .1550
tanks .....lb. .1320- .1470
Lubricating,[1] at refinery, ex tax, California, neutral, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red., 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11½
Group 3, bright stock, 150-160 vis., 0.25 pour, tanks, gal. .23 - —
neutral, 300 vis., No. 3, col., 0-10 pour, tanks, gal. .16 - —
200-300 vis., No. 3, col., 25-25 pour, tanks, gal .15 - .16
Pa., bright stock, 145-155 145-155 vis., No. 3 color, 10-25 pour, tanks..gal. .25 - .30½
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam, refd., tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 25 pour, tanks..gal. .26 - .31
200 vis., 25 pour, tanks, gal. .28 - .33
Mace, dist., cns., dms.....lb. 4.75 - 5.25
Mandarin, Brazilian, cns....lb. 6.60 -10.00
Menhaden,[1,7] crude, tanks, Balto..lb. .0890- —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.45 - 1.65
Seed, exp., dms., extra....lb. 14¾- —
Neatsfoot,[1] 15°, bbls.....gal. 1.80 - 1.85
20°, bbls.....gal. 1.75 - 1.80
30°, bbls.....gal. 1.55 - 1.60
pure, bbls.....lb. .15½- .16¼
Neroli, French, bots.....lb.230.00 -300.00
Haitian, bots.....lb.195.00 -200.00
Officica,[1] liquid, dms., c.l...lb. .25½- —
dms., l.c.l.....lb. .25½- —
Oleo,[1] extra, dms., Chicago..lb. .1304- —
prime, dms Chicago..lb 1276-
Olibanum, bots.....lb. 4.75 - 5.20
Olive, denat, dms.....gal. No stocks
edible,[1] Calif., 25%-14% f.f.a., dms., extra, works..gal. 4.30 - 4.60
imported, dms.....gal. No stocks
foots,[1] dom., dms., c.l....lb. .18 - —
tankcars, works.....lb. .17 - —
imp.,[1] dms., c.l., ex dock, lb. .18 - —
tankcars ex dock, lb .17 - —
sulphonated, 50% (40% fat), dms., c.l..lb. No stocks
l.c.l. .....lb. No stocks
80% (68% fats), dms., c.l.lb. No stocks
l.c.l. .....lb No stocks
85% (68% fat), dms., c.l.lb. No stocks
l.c.l .....lb. No stocks
Orange, sweet, dist., cs.....lb. 1.25 - 1.35
expressed, USP, Brazilian, cns..lb. 1.30 - 1.65
Calif., cns.....lb. 1.55 - 2.00
Florida, cns., dms.....lb. 1.40 - 1.70
Mexican, coppers.....lb. No stocks
West Indian, cns.....lb. 2.75 - 3.75
sesquiterpeneless, bots.....lb.100.00 -112.00
Origanum, Spanish, cs.....lb. 2.40 - 2.85
Palm,[1,7] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 7.50 - —
Palmkernel,[1,7] crude, bulk, c.i.f. N.Y. lb. .0885 Nom
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S..gal. .08¾- .08½
320° flash, 60-70 vis., tanks, G.S..gal. .08 - —
350° flash, 70-80 @ 100 vis., 0/10 pour, G.S..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. refy..gal. .09½- —
100-110 vis., 0/10 pour, same basis..gal. .08½- .15
10/25 pour, same basis..gal. .08½- .09¾
Patchouli, cns.....lb. No stocks
Peanut,[1,7] bleached, deod., tanks, divd. E..lb. .1501- —
crude, tanks, works.....lb. .12¾- .13¼
foots, acid, 95%, tanks, divd. E..lb. .08 - —
raw, 50%, tanks, divd. E..lb. .04 - —
hydrogenated, tanks, divd. E., lb. .1573- .157
Pennyroyal, dom., dms., cns.lb. 3.25 - —
import, cns.....lb. 3.35 - 4.00
Peppermint,[1] natural, dms...lb. 6.25 - 7.00
redist., USP, dms.....lb. 6.65 - 7.50
Perilla, crude, dms.....lb No stocks

Oil, petitgrain, Paraguay, cns., dms..lb. 2.75 - 3.20
Pimento, berry, dms.....lb. 6.85 - 8.00
leaf, cns.....lb. 3.65 - 5.75
Pine,[6] ret. dms., c.l., divd. E., gal. .63 - .68½
l.c.l., divd. E.....gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.10 - 3.35
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. .24 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

[6] Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1] bulk.....lb. .13 - —
Red,[1] ret. bbls., c.l., dms., divd. E. of Rockies..lb. .13¼- —
W. of Rockies.....lb. .14¼- —
Texas and Okla.....lb. .13¾- —
tanks, divd. E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .13½- —
Texas and Okla.....lb. .13 - —
double dist., ret. dms., c.l., divd. E. of Rockies...lb. .15⅞- —
W. of Rockies.....lb. .16½- —
Texas and Okla.....lb. .16¾- —
special non-ret. dms., bbls., c.l., divd. E. of Rockies. lb. .16⅞- —
W. of Rockies.....lb. .17⅛- —
Texas and Okla.....lb. .17½- —

Red oil prices for ton lots are ⅛ cent per pound higher, and 1 cent higher for less than ton lots.

Oil, rose, natural, coppers.....lb.31.25 -48.00
Rosemary, Spanish, tech., cns., dms..lb. 1.20 - 1.35
USP, cns., dms.....lb. 1.45 - 1.60
Rosin, 1st rectified, dms...gal. .66 - —
2nd rectified, dms.....gal. .65 - —
3rd rectified, dms.....gal. .72 - —
Rue, bots.....lb. 4.75 - 5.25
Sage, Spanish, cns.....lb. 2.60 - 3.35
Sandalwood, NF, Mysore, cns., case lots..lb. 9.53 - —
imported, cns.....lb.14.75 -16.00
Sardine, crude,[1,7] tanks, Pac. coast..lb. .089 - —
refined, alkali, dms., l.c.l..lb. .1400- —
kettle-bodied, dms., l.c.l..lb. .1500- —
light-pressed, dms., l.c.l..lb. .1300- —
tanks .....lb. .1225- —
Sassafras, artif., Brazilian, cns. lb. .62 - .80
natural, cns., dms.....lb. 2.00 - 2.30
Savin, cns.....lb. No stocks
Savory, cns.....lb. 3.00 - —
Seal,[1] No. 1, tanks, U.S. ports. lb. .089 - —
Sesame,[1,7] tanks.....lb. .1420- —
Shingle stain, bbls., c.l., works, gal. .2155- —
l.c.l., works.....gal. .23 - .30
tanks, works.....gal. .15 - .16
Snakeroot, Canada, cns.....lb. No stocks
Soybean,[1,7] clarified, dms...lb. .1290- .1350
tanks .....lb. .1250- —
crude, tanks, Decatur.....lb. .1175- —
deod., Winter, tanks.....lb. .1325- —
ret. dms.....lb. .1500- .1546
foots, acid, 95%, tanks, divd. E...lb. .07¼- —
raw, 50%, tanks, divd. E...lb. .03½- —
refd., varnish, dms.....lb. .1350- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 - 4.25
Sperm, bleached, 38°, dms...lb. .1445- —
natural, 45°, dms.....lb. .1310- .1311
Spruce,[1] cns., dms.....lb. 2.55 - 2.75

Oil, sunflower,[7] imp., refined, tanks..lb. .1433- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 5.00 - 6.25
South, cns.....lb. 2.50 - 3.75
Tall,[1] crude, dms., c.l., works, ton.52.65 -55.00
l.c.l., works.....ton.59.65 -62.65
tanks, works.....ton.40.00 -45.00
refined, dms., c.l., works..lb. .06 - .06¼
l.c.l., works.....lb. .06½- —
tanks, works.....lb. .04½- —
Tallow, acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, crude, dms., c.l., divd. E. cities..gal. .23¾- —
l.c.l., works.....gal. .29¾- —
tanks, divd. E. cities....gal. .27 - —
rectified, USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 3.20 - 3.25
white, cns.....lb. 3.50 - 3.65
Tung,[1] dms., c.l.....lb. .39 - .39½
l.c.l. .....lb. .40 - .41
tanks .....lb. .38½- —
Turkey red (see Oil, castor, sulphonated).
Turpentine, rectified, USP, cns., dms..lb. .27 - .29
Vetiver, Bourbon, cns.....lb.37.00 -40.00
Whale,[1] ref., natural, dms..lb. No stocks
Winter bleached, dms.....lb. No stocks
Wheat germ, dms.....gal.10.00 -12.50
White mineral, tech., 50-65 vis., dms., incl., c.l.gal. .34 - —
l.c.l. .....gal. .37 - .41
65-75 vis., dms.,, dms.incl., c.l..gal. .35 - —
l.c.l. .....gal. .38 - .43
USP, 80/90 vis., dms., dms. incl., c.l..gal. .37 - —
l.c.l. .....gal. .40 - .44

New *Aromatic* Chemicals Developed During The Past Year

The new odor successes in the perfume and cosmetic field will be based upon these:

★ JASMINOL

Similar in odor to Alpha Amyl Cinnamic Aldehyde but softer and finer. Stable in soaps and creams. Basis for Jasmin Odors.

★ TUBEROL

Basis for Tuberose odors and perfumes for creams, lotions etc.

★ CUIRUSAL

Powerful aldehyde useful in floral and many fancy bouquets.

★ AMBRIOL

Deep rich aroma of Ambrette Seed Oil.

★ RESEDALIA

A chemical surprisingly true to the odor of Reseda Mignonette.

★ ETHYLENE GLYCOL ACETAL OF PHENYL ACET ALDEHYDE

Softener and homogenizer for all types of Floral Odors.

★ VIOLETTONE

A Ketone basis for Violet Odors with Patchouly note.

These are a few of our recently developed products.

WRITE FOR COMPLETE LIST.

ESTABLISHED 1910 GD CO AROMATICS DIVISION

Aromatics Division
GENERAL DRUG COMPANY
125 Barclay St., New York 7, N. Y.
9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, white mineral, USP, 125/135 vis., dms., dm. incl., c.l., gal. .40 - —
l.c.l. ..... gal. .48 - —
145/155 vis., dms., dms. incl., c.l. gal. .48 -
l.c.l. ..... gal. .51 - .56
175/185 vis., dms., dms. incl., c.l. gal. .50 -
l.c.l. ..... gal. .53 - .57
300/310 vis., dms., dms. incl., c.l. gal. .54 -
l.c.l. ..... gal. .57 - .61
335/345 vis., dms., dms. incl., c.l. gal. .62 -
l.c.l. ..... gal. .65 - .69
65, 70 and 85 vis., non-ret. dms., San Francisco gal. .42 - —
smaller lots, same basis, gal .44 - .47
100 vis., non-ret. dms., SF dms., San Francisco.. gal. .51½ - —
100 vis., non-ret. dms., San Francisco, smaller lots, same basis gal. .53½ - .56½
145 vis., non-ret. dms., 65 dms., San Francisco gal. .59 -
smaller lots, same basis gal. .61 - .64
180 vis., non-ret., dms., 65 dms., San Francisco gal .62½ - —
smaller lots, same basis, ga. .64½ - .67½
340 vis., non-ret. dms., 65 dms., San Francisco. gal. .74 - —
smaller lots, same basis, gal. .76 - .79
Wintergreen, natural, North. cns. lb. 5.50 -12.00
South, cns. lb. 3.65 - 4.25
synthetic see Methyl salicylate)
Wood (see Oil, tung).

Oil, wormwood, cns. lb. 9.75 -10.00
wormwood, cns. lb. 9.50 -
Ylang-ylang, Bourbon, extra, bots. lb. 20.50 -24.50
First, bots. lb. 15.00 -19.50
Second, bots. lb. 11.50 -14.50
Third, bots. lb. 6.50 - 9.50
Oleostearin, dms., Chicago lb 10½
Orchil, aggregate, c.l., mines ton 7.00 - 9.00
crushed 8 mesh, bulk, c.l., works ton 5.00 - —
paper bgs., c.l., works ton 9.50 - —
lumps, paper bgs., c.l., works, ton 7.00 - —
spalls, paper bgs., c.l., works, ton 8.00 - —
Opium gum, USP, cns., 50-lb. lots, lb. 12.00 - —
25-lb. lots. lb. 12.25 - —
smaller lots. lb. 12.50 -12.60
Prices on powd. and gran. USP opium are $1.60 per pound higher.
Orange, cadmium, selenide, bbls., 100-lb. lots, works. lb. 1.50 - —
Dinitroanilin, toner[1] lb. 1.05 - —
Molybdate,[1] bbls. lb. .41 —
Orthonitroanilin toner,[1] bbls., kgs., works. lb. .80 - 1.00
Persian,[1] bbls. lb. .30 - .40
Orange mineral, American, bbls., 5 tons, dlvd. Ala., Ariz., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .12¾ - —
dlvd. Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Colo., Mont., N. M., Wyo. lb. .12½ - —

Orange mineral, Amer., bbls., 5 tons, dlvd., other points. lb. .12 - —
smaller lots bbls. etc. lb. .12½ -
Ariz., etc. lb. .13¼ —
Colo., Mont., N. M., Wyo. lb. .13 -
other points lb. .12½ -
Orange peel, bitter, Haitian, bgs., lb. .13½ - .14
sweet, bls. lb. .14 - .14½
Oregano, Mexican, curly leaf, bgs. lb. .08½ - .09
flat leaf, bgs. lb. .08¼ - .09¾
Orris root, Florentine, bls. lb. .85 - .88
Verona, bls. lb. No stocks
Portuguese, bls. lb. .48 - .49
Orthoamylphenol, dms., works. lb. .25 -
Orthoanisidin, bbls. lb. .70 -
Orthochloranilin, dms. lb. .60 - —
Orthochlorophenol, dms. lb. 25 - 27
Orthocresol,[2] 30.4° C., min., M.P., dms., c.l., works. lb. .17½ - 18
l.c.l., works. lb. .18 - .18½
39° C. min., M.P., dms., c.l., works. lb. .16½ - .17
l.c.l., works. lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis. lb. .08 - —
tanks, same basis. lb. .06½ - —
Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.
Orthonitroanilin, dms. lb. .43 - .56
Orthonitrobiphenyl, tech., grade A., dms., c.l., works. lb. .10 -
l.c.l., works. lb. .11 -
grade B, dms., c.l., works. lb. .06 -
l.c.l., works. lb. .07 -
Orthonitrochlorobenzene, dms. lb. 15 - 1

Orthonitroparachlorophenol, cns., lb. 75 - —
Orthonitrotoluene, dms. lb. .09 - —
Orthophenetidin, dms. lb. .82 - —
Orthotoluidin, dms. lb. .19 - —
Osage orange crystals, bbls lb. .23 - —
Extract, No 1, bbls. lb. .11 - —
No. 2, bbls. lb. .10 - —
Ouabaine, USP, bots. gram. 3.00 - 4.00
Oxyquinolin sulphate, cns., 100 lbs works lb 3.50 - —
smaller lots, works lb. 3.75 - 4.15

P

Papain, powd., cs. lb. 4.25 - 4.50
Papaverine, natural or synthetic, hydrochloride, NF, cns., 100-oz. lots. oz. 7.00 - —
smaller lots. oz. 7.05 - 7.35
Sulphate, cns. oz. 7.10 - 7.35
Paprika,[1] Calif., sweet Caliente, ground, bgs. lb. .40 - .41
Chilean, bgs. lb. .30½ - .36
Portuguese, bgs. lb. .38 - .42
Spanish, bgs. lb. .43 - .44½
Para-anisidin, dms., works. lb. .75 - —
Parachlorophenol, dms., c.l., works, lb. .24 - —
l.c.l., same basis. lb. .25 - .27
Paracresol, bbls., works. lb. .41 - —
Paracymene, dms., c.l., works. lb. .1595- —
l.c.l., same basis. lb. .1645- —
tanks, same basis. lb. .1545- —
Paradichlorobenzene, dms., c.l., works. lb. .11 - .12
l.c.l., same basis. lb. .12½ - .15
Paraffin,[1] crude scale, white or yellow, 124-126 ASTM, bbls., c.l., refinery. lb. .04¼ - —
fully ref'd slabs, loose, 117-119 ASTM, c.l., refinery. lb. .05 - —
120-122 ASTM, refinery. lb. .0520- —
122-124 ASTM, refinery. lb. .0520- —
125-127 ASTM, refinery. lb. .0560- —
127-129 ASTM, refinery. lb. .0585- —
128-130 ASTM, refinery. lb. .0585- —
130-132 ASTM, refinery. lb. .0615- —
132-134 ASTM, refinery. lb. .0640- —
135-137 ASTM, refinery. lb. .0715- —
140-142 ASTM, refinery. lb. .0810- —
146-148 ASTM, refinery. lb. .1050- —
Prices in bags 4/10c. lb. higher.
Paraformaldehyde, dms., 1.000 lbs. or more, works. lb. .21 - —
smaller lots, works. lb. .22 - —
Paraldehyde, tech., 96%, 55 and 110-gal. dms., l.c.l., wks. lb. .12 - —
10-gal. dms., works. lb. .13 - —
USP, cbys., cns. lb. .35 - .45
Paranitroanilin, kgs., works. lb. .41 - .43
Paranitrochlorobenzene, kgs., wks. lb. .15 - —
Paranitrophenol, kgs. lb. .35 - —
Paranitrotoluene, kgs., works. lb. .30 - —
Paraphenylenediamine, tech., kgs. lb. 1.25 - —
Paratoluenesulphonamide, bbls. lb. .70 - —
Paratoluidin, bbls., works. lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld. lb. .20 - .27
l.c.l., same basis. lb. .22 - .28
Passion flower herb, bls. lb. .23 - .24
Patchouli leaves, bls. lb. .34 - .35
Pectin, bbls. lb. 1.25 - —
Penicillin,[4,6] ampule, per 100,000 units. .55 - .95
Pennyroyal leaves, bls. lb. .16 - .18
Pentachlorophenol, dms., works, lb. .20 - .28
Pentaerythritol, CP, bbls., dlvd. lb. .75 - —
smaller containers. lb. 1.00 - —
tech., bbls., c.l. lb. .27 - —
l.c.l. lb. .31 - —
Pentane, 28°-38° C., industrial grade, dms., c.l., Group 3. gal. .11 - —
l.c.l., dms., Group 3. gal. .19 - —
tanks, Group 3. gal. .07½ - .07¾
laboratory grade, 10-gal. cns., dlvd. E. gal. .55 - —
dms., c.l., Group 3. gal. .16 - —
l.c.l., Group 3. gal. .29 - —
Pepper, black,[1,7] 15 tons, bgs. lb. .15 - .15½
50 to 100 bgs. lb. .15¾ - .16¼
25 to 49 bgs. lb. .16¼ - .16¾
5 to 24 bgs. lb. .16½ - .17
Red, capsicum, Carolina, longs, new crop, bgs., ship't point. lb. No stocks
sports, old crop, bgs. lb. No stocks
Louisiana, sports, bgs. lb. No stocks
long, new crop, bgs., ship't point. lb. No stocks
Chillies, Mexican, bgs. lb. .40 - .40½
White,[1,7] bgs., 15 tons. lb. .23 - .23½
Peppermint, dom., USP, bls. lb. .85 - .90
imported, USP, bls. lb. .90 Nom.
Perchloroethylene, dms., c.l., Zone 1, works, frt. alld. lb. .0772- .0800
Zone 2, same basis. lb. .0832- .0850
Zone 3, same basis. lb. .0882- .0900
Zone 4, same basis. lb. .0876- .0900
l.c.l., Zone 1, same basis. lb. .0882- .0850
Zone 2, same basis. lb. .0882- .0900
Zone 3, same basis. lb. .0932- .0950
Zone 4, same basis. lb. .0926- .0950

Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N. D., Okla., S. C., S. D.; (3), Col., Mont., (E) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Peru balsam, dms. lb. 1.10 - 1.20
Petrolatum, tech., dark, bbls., c.l., Group 3. lb. .021 - —
golden topaz, bbls., c.l. lb. .032 - —
l.c.l. lb. .036 - —
red, veterinarian, bbls., c.l. lb. .024 - —
l.c.l. lb. .028 - —
USP, amber, non-ret. dms., c.l. lb. .03½ - —
l.c.l. lb. .04½ - —
extra amber, dms., c.l. lb. .03¾ - —
l.c.l. lb. .04¾ - —
cream, c.l., dms. lb. .05 - —
l.c.l. lb. .06½ - —
white, lily, dms., c.l. lb. .05¾ - —
l.c.l. lb. .07¼ - —
snow, dms., c.l. lb. .06½ - —
l.c.l. lb. .08 - —
soft, dms., c.l. lb. .05½ - —
l.c.l. lb. .06¼ - —
yellow, soft, dms., c.l. lb. .03½ - —
l.c.l. lb. .04½ - —
Petroleum, crude, bulk, at wells, California, heavy grades. bbl. .93 - 1.01
Illinois bbl. 1.37 - —
Kentucky, Union County. bbl. 1.32 - 1.37
Louisiana-Arkansas bbl. .86 - 1.20
Oklahoma-Kansas bbl. .85 - 1.25
Pennsylvania bbl. 1.31 - 3.00

An Imitation Is Not the Original

"Doc" MacGee says:

Imitation may be "the sincerest form of flattery," but in the case of Skellysolve, imitation does not necessarily mean comparable quality. The fact that there are today other solvents claimed to be "as good as" or "better than" Skellysolve certainly does not mean they will serve you any better, or even as well.

Why? Because there are many more years of special naphtha-producing experience behind Skellysolve. Back in 1929, Skelly Oil Company pioneered the large scale production of specially pure naphthas of the hexane, heptane and octane types from natural gas, and set about making them for the oil and fat, rubber, ink, lacquer, and other industries. Other producers have undertaken to make similar solvents from time to time, but none who have offered these special hydrocarbon fractions can point to a record over the past 16 years which measures up to the Skellysolve record for dependability, service, and quality. What's equally important, Skelly continues expanding its facilities to meet the ever-growing demand for Skellysolve.

The Skelly method of refining guarantees you not only pure, finest quality naphthas, but naphthas with unvarying uniformity in shipment after shipment.

You can rely on Skelly, as numerous users in the oil and fat, rubber, ink, and other industries have for so many years. Even through the war years, Skellysolve shipments made a good record.

Yes, you can rely on Skellysolve quality, service, and dependability. It just doesn't pay to gamble on "imitations!"

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL COMPANY
SKELLY BLDG., KANSAS CITY, MISSOURI

Petroleum, crude, bulk, at wells, heavy grades, Texas, Gulf coast	bbl.	1.31 - 3.00
North, North - Central	bbl.	1.01 - 1.25
Panhandle	bbl.	1.10 - 1.22
West	bbl.	.70 - 1.72
Wyoming	bbl.	1.12 - —
Ether, laboratory grade, 30°-60° C, 10-gal. cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., same basis	gal.	.29 - —
35°-60° C., 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., same basis	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., same basis	gal.	.29 - —
40°-75° C, 10-gal., cns., dlvd., E.	gal.	.55 - —
dms., c.l., Group 3	gal.	.16 - —
l.c.l., same basis	gal.	.29 - —
Fuel oil,[1] furnace, tanks, at refinery, Arkansas., No. 2	gal.	.04½- —
No. 3	gal.	.04 - —
Bayonne, No. 2, tanks	gal.	.057 - —
California, heavy	bbl.	1.10 - —
light	bbl.	1.20 - —
diesel	gal.	.04 - —
range	gal.	.05 - —
Group 3, No. 1	gal.	.04¾- —
No. 2, straw	gal.	.04½- —
No. 3	gal.	.04 - —
range	gal.	.04 - .04½
Kansas, No. 6	bbl.	1.02 - —
Oklahoma, No. 1, p.w.	gal.	.04¾- —
No. 1, straw	gal.	.04¼- —
No. 2, straw	gal.	.04½- —
No. 3	gal.	.04 - —
No. 6	bbl.	.90 - .97
range	gal.	.04½- —
Pennsylvania, No. 1	gal.	.06925- .0705
No. 2	gal.	.06375- .0675
No. 3	gal.	.06375- .0675
36-40 gravity	gal.	.0625- .0675
bunker C (No. 6), tanks, Albany, N. Y.	bbl.	1.92 - —
Baltimore, Md.	bbl.	1.72 - —
Boston, Mass.	bbl.	1.765 - —
Charleston, S. C.	bbl.	1.63 - —
Fall River, Mass.	bbl.	1.735 - —
Jacksonville, Fla.	bbl.	1.63 - —
New Haven, Conn.	bbl.	1.763 - —
New York, N. Y.	bbl.	1.72 - —
Norfolk, Va.	bbl.	1.68 - —
Philadelphia, Pa.	bbl.	1.72 - —
Portland, Me.	bbl.	1.765 - —
Portsmouth, N. H.	bbl.	1.765 - —
Providence, R. I.	bbl.	1.735 - —
Savannah, Ga.	bbl.	1.63 - —
Tiverton, R. I.	bbl.	1.735 - —
Wilmington, N. C.	bbl.	1.63 - —
Lacquer diluent, California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles	gal.	.11 - —
Fort Wells, Wash.	gal.	.12 - —
East Coast, N. J., N. Y., tanks, refinery	gal.	.11½- —
Group 3, benzol type, tanks	gal.	.07⅞- —
toluol type, tanks	gal.	.07⅞- —
San Francisco	gal.	.11½- —
Willbridge, Ore.	gal.	.12 - —
Mineral spirits, California, San Francisco, 168-252 b.r., tanks	gal.	10¼- —
198-290 b.r., tanks	gal.	.10¼- —
246-397 b.r., tanks	gal.	.10½- —
312-408 b.r., tanks	gal.	.09 - —
362-458 b.r., tanks	gal.	.09 - —
East coast, N. J., N. Y., tanks, refinery	gal.	.10 - —
Group 3, tanks, refinery	gal.	.06½- .06⅝
Gulf coast, tanks	gal.	.06½- —
tankwagons, Baltimore	gal.	.1210- —
Boston	gal.	.12 - —
Bridgeport, Conn.	gal.	.1430- —
Buffalo	gal.	.1240- —
Camden, N. J.	gal.	11 - —
Chicago	gal.	.1150- —
Detroit	gal.	.1380- —
Hartford	gal.	.1430- —
Kansas City, Mo.	gal.	.1280- —
Lancaster, Pa.	gal.	.12 - —
Milwaukee	gal.	1240- —
Minneapolis	gal.	.1220- —
Newark	gal.	.11 - —
New York	gal.	11 - —
Philadelphia	gal.	11 - —
Pittsburgh	gal.	.125 - —
Providence	gal.	.13 - —
Rochester	gal.	.1320- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Washington, D. C.	gal.	.135 - —
Wilmington, Del.	gal.	.11 - —
Naphtha, cleaners, California, tanks, San Francisco	gal.	.12 - —
East coast, N. J., N. Y., tanks, refinery	gal.	.11 - —
Group 3, tanks, refinery	gal.	.07⅛- .07½
tankwagon, Newark	gal.	.12 - —
Bridgeport	gal.	.1730- —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
St. Louis	gal.	.1470- —
high-solvency, No. 8, tanks, frt. alld. Kansas City E.	gal.	.225 - —
No. 30, tanks, same basis	gal.	.220 - —
No. 40, tanks, same basis	gal.	.220 - —
No. A-80, tanks, Carteret, N. J.	gal.	.21½- —
Chicago, Cincinnati, Detroit	gal.	.23 - —
No. B-90, tanks, all shipping points	gal.	.24½- —
No. F-80, tanks, Carteret, N. J.	gal.	.23 - —
V.M.&P. at refinery, California, 46.5 254 l.b.p., 380 e.p., tanks, El Segundo	gal.	.11 - —
Richmond	gal.	.11½- —
Willbridge, Ore., Ft. Wells, Wash.	gal.	.12 - —
54-77, 190 l.b.p., 310 e.p., Los Angeles	gal.	.10 - —
San Francisco	gal.	.10½- —
Portland, Seattle	gal.	.11 - —
Group 3, tanks	lb.	.07⅛- .07½
Gulf Coast (dlvd. New Orleans), tanks	gal.	.06½- —
tankwagon, Boston	gal.	.13 - —
Chicago	gal.	.1380- —
Detroit	gal.	.15 - —
Milwaukee	gal.	.1540- —
Minneapolis	gal.	.1520- —
Newark	gal.	.125 - —
New York	gal.	.12 - —
Philadelphia	gal.	.125 - —
Pittsburgh	gal.	.12½- —
St. Louis	gal	1470- —

Petroleum solvent, rubber, at refinery, California, San Francisco	gal.	.25½- —
East Coast, N. J., N. Y., tanks	gal.	.11 - —
Group 3, tanks	gal.	.07⅛- .07½
Stoddard (CS 8-33), at refinery:—		
California (San Francisco), tanks	gal.	.11 - —
East Coast, N. J., N. Y., tanks	gal.	.10 - —
Group 8, tanks	gal.	.06⅜- —
Pennsylvania, western, tanks	gal.	.07¼- .07½
tankwagon, Baltimore	gal.	.13 - —
Boston	gal.	.12 - —
Chicago	gal.	.13½- —
Detroit	gal.	.1380- —
Milwaukee	gal.	.1440- —
Minneapolis	gal.	.1420- —
Newark	gal.	.11 - —
New York	gal.	.11 - —
Philadelphia	gal.	.11 - —
Pittsburgh	gal.	.12½- —
St. Louis	gal.	.1370- —
Syracuse	gal.	.14 - —
Toluol, tanks, dlvd. E.	gal.	.27 - —
Xylol, tanks, dlvd. E.	gal.	.26 - —
Sulphonates, 68% sulphonic content, ret. dms., c.l., works	lb.	.09¾- —
l.c.l., works	lb.	.09¾- .10⅜
tanks, works	lb.	.09¼- —
50% sulphonic content, ret. dms., c.l., works	lb.	.09¾- —
l.c.l., works	lb.	.09¾- .10⅜
tanks, works	lb.	.09¼- —
Phenobarbital, cns.	lb.	3.60 - 3.70
dms., 100 lbs.	lb.	3.50 - —
Phenol, 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.	lb.	.10 - —
l.c.l., same basis	lb.	.10¾- —
tanks, same basis	lb.	9

Phenol, 82-84% (cresol, 16-18%), dms., c.l., same basis	lb.	.09¾- .10¼
l.c.l., same basis	lb.	.10½- —
tanks, same basis	lb.	.08¾- .09¼
USP, dms., c.l., same basis	lb.	.10¼- —
l.c.l., same basis	lb.	.11¼- —
tanks, same basis	lb.	.09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.85 - —
smaller lots	lb.	.87 - .92
Yellow, fib. dms., 2,000 lbs.	lb.	.80 - —
smaller lots	lb.	.82 - .87
Phenothiazin, NF, fib. dms., 2,000 lbs.	lb.	.45 - —
smaller lots	lb.	.54 - —
Phenylacetaldehyde, solution, 50%, bots.	lb.	2.45 - 2.50
100%, bots.	lb.	4.00 - 5.00
Phenylethyl acetate, dms.	lb.	2.15 - 2.70
Phenylethylphenyl acetate, bots.,	lb.	5.35 - 7.50
Phenylhydrazin, base, CP, bots.	lb.	4.55 - —
Hydrochloride, CP, bots., works.	lb.	7.10 - —
commercial, kgs., works	lb.	1.75 - —
Phloroglucinol, CP, fib. dms.	lb.	13.75 -14.75
tech., fib. dms.	lb.	12.00 -12.55
Phosgene, ton lots, works	lb.	.19 - —
Phosphate, defluorinated (see under D).		
Phophate rock,[1] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., bulk, car at mine, c.l.	long ton.	2.20 - —
70%-68%, same basis	long ton.	2.60 - —
72%-70%, b.p.l., same basis	long ton.	3.20 - —

Phosphate rock, Fla., land pebble, run-of-mine, washed, dried, 75%-74%, b.p.l., same basis	long ton.	4.20 - —
77%-76%, b.p.l., same basis	long ton.	5.20 - —
entirely pebble, 50c. per ton higher than above prices.		
finely ground, 65.5% b.p.l., 30% P_2O_5 minimum	short ton.	3.15 - —
66%, basis 31% P_2O_5 minimum	short ton.	3.35 - —
70%, basis 32% P_2O_5 minimum	short ton.	3.70 - —
Tenn., brown, unground, run-of-mine, 70-68% b.p.l., 5% i. & a., same basis	long ton.	5.30 - —
72%-70% b.p.l., 5½% i. & a., same basis	long ton.	5.80 - —
refinery, ground, 2% P_2O_5, same basis	long ton.	4.95 - —
30% P_2O_5, same basis	long ton.	5.15 - —
31% P_2O_5, same basis	short ton.	5.25 - —
32% P_2O_5, same basis	short ton.	5.50 - —
33% P_2O_5, same basis	short ton.	6.00 - —
Phosphorus, red, amorphous, cs.	lb.	.40 - .44
tins, export	lb.	.55 - —
yellow, cns	lb.	.23 - .25
dms., c.l.	lb.	.14½- —
Oxychloride, dms., c.l.	lb.	.10½- —
l.c.l., dms	lb.	.12¼- .15
Phosphorous pentoxide, dms., c.l., works	lb.	.11 - .12
l.c.l., works	lb.	.13 - .14
Sesquisulphide, cs	lb.	.38 - .42
Trichloride, dms., c.l.	lb.	.10½- —
l.c.l.	lb.	.12¼- .15

● IT HAS BEEN SAID that a "by-product" of the research that produced the atomic bomb is the discovery of several hundred new principles, methods and processes that can be used by American industry to improve the arts of peace — entirely apart from the larger question of atomic power.

Likewise, Kellogg war-time research — aimed largely at the development of substitute materials, has greatly increased our knowledge of oils as vehicles for protective coatings.

It has also multiplied our customers' opportunity of selection and specialization in the choice of vehicles and removed many of the limitations that nature has placed on vegetable oils.

As you plan your new products or search for improvements on old ones, you are invited to make use both of that knowledge and of the wider freedom of choice. Call on the Kellogg Technical Service Department for their assistance in investigating these opportunities.

SPENCER KELLOGG and Sons, Inc.
BUFFALO 5, N. Y.

THE FIRST NAME IN VEGETABLE OILS

Phthalamide, bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride, bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .07 - .08

Picoline (see Alphapicoline and Betapicoline).

Picrotoxin, bots.....oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 3.75 - 5.10
Nitrate, bots., vis.....oz. 3.65 - 5.00
Pimento,[1] Jamaica, bgs.....lb. .24 - .24½
Pinetar, retort, dms., incl., c.l., works..gal. .31 - —
l.c.l., works, dms. incl..gal. .32 - —
tanks, divd. E.....gal. .27 - —
Pinkroot, bls.....lb. 1.10 - 1.15
Piperazine hexahydate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar, 100° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 6.50 - —
stands, 200 lbs.....stand. 6.00 - —
Soybean, dms., works.....lb. .04 - .06
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bls.....lb. .19 - .30
Polystyrene, plain colors, dms., 30,000 lbs., works, frt. alld. lb. .32 - —
20,000 lbs., frt. alld.....lb. .33 - —
smaller lots, frt. alld....lb. .34 - .36

Water-clear, polystyrene, 7c. per lb. less than plain colors.

Pomegranate, root bark, bgs..lb. .75 - .76
Poppy flowers, bls.....lb. .60 - .70
Seed, Danish, bgs.....lb. .37½- .38
Dutch .....lb. .59 - .39½
Indian, white, bgs.....lb. No stocks
Swedish, bgs.....lb. .37 - .37½
Potash abietate.....lb. .08 - —
Arsenate, USP, solut., cbys., cns..lb. .31 - .33
Arsenite, USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .10 - .21
Bichromate,[1] bgs., c.l. works. lb. .10 - —
l.c.l., works.....lb. .10½- .10¾
Potash bichromate in bbls. ¼c. higher.
Borate, gran., bbls., N. Y. or Chi..lb. .1015- —
Bromide, USP, gran., 500-lb. bbls., dms..lb. .25 - —
100-lb. kgs.....lb. .26 - —
Carbonate, calcined, bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
dms., l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, low-chloride, 90% basic, flake, dms., c.l., works..100 lbs. 9.31 - —
l.c.l., works....100 lbs. 9.68½- —
liquid, dms., c.l., works. 100 lbs. 8.56 - —
l.c.l., works....100 lbs. 8.63½- —
tanks, works.....100 lbs. 8.06 - —
solid .....100 lbs. 8.56 - —
l.c.l., works.....100 lbs. 8.93½- —

Potash caustic, regular, flake, 88-92%, dms., c.l., works.. lb. .07 - —
l.c.l., works.....lb. .07¼- .07½
liquid, 45% basis, dms., c.l., works, frt. alld..lb. .03½- —
l.c.l., same basis.....lb. .03¾- .06½
tanks, same basis.....lb. .02⅞- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate, bgs.....lb. .24 - .28
Chlorate,[1] cryst., kgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb .119 - .13
powd., dms., kgs., c.l., works. lb. .09¾- —
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .16 - .18
Chloride, tech., cryst., 95%, bgs., kgs..lb. .06 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .35½
powd., 3c. per lb. higher.
Cyanide, dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% solution, cns., cbys..lb. 1.55 - 1.67
dms., 1,000-lb. lots.....lb. 1.50 - —
100-lb. lots.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms. lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Manure salt, 22% K_2O, Carlsbad, N. M..unit-ton. .20 - —
25% K_2O, same basis.unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —

Potash muriate, dom., 60-62-63% K_2O, bulk, ex vessel, ports.. unit-ton. .53½- —
granular, 50 - 52% K_2O.... unit-ton. .53½- —

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific coast ports.

Nitrate (see Saltpeter).
Oxalate, neutral pure, gran., bbls., dms..lb. .37 - .50
tech. fine gran., bbls., dms. lb. .28 - .31
Perchlorate, kgs., works....lb. .09¾- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Persulphate, dms., c.l., works. lb. .16 - —
l.c.l., same basis.....lb. .20 - —
Prussiate, red, kgs.....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., works. ton. 200.00 - —
l.c.l. .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works. 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works..100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min. 90% ex vessel Atlantic or Gulf ports..ton. 36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Thiocyanate, bbls.....lb. .62 - .65
kgs. .....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 - 14.95
Potash-magnesia sulphate,[6] bulk, min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton. 26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .23 - .25
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .60 - .61
Procaine hydrochloride, cns., 100-lb. lots..lb. 4.00 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol, dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .68
Pumice,[1] grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chl., ton lots.....lb. .04½- —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs.....lb. No stocks
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1] concentrate, dewaxed, 20% for aerosol bombs, dms., works..lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins for 100 cc., dms., regular base, works..gal. 7.15 - —
odorless base, dms., works. gal. 7.25 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
Flowers, fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin, denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2°, ret. dms., same basis. lb. .45 - .45½
Pyrites, Spanish, c.i.f. Atl. ports. lon ton. 8.00 - 10.00
Pyrocatechin (see Catechol).
Pyrophyllite, standard, 200 mesh, c.l., bulk, mines..ton. 10.00 - 11.50
325 mesh, same basis....ton. 13.00 - 13.90
No. 3, 200 mesh, c.l., mines.ton. 9.50 - —
325 mesh, same basis.....ton. 11.50 - —

Pyrophyllite in paper bgs., $1.50 per ton extra.

Pyroxylin, scrap, opaque, amber, cs., works..lb. .17 - —
black, cs., works.....lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., wks.lb. .14 - —
white, China, ivory, cs., works..lb. .17 - —
dense, cs., works.....lb. .17 - —
translucent, pastels, cs., works..lb. .17 - —
transparent, cs., works....lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works.. lb. .17 - —
mixed colors, cs., works..lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[1] solid, 63% tannin, bgs., c.l., ex dock, in bond..lb. .05⅝- .06⅞
clarified, 64% tannin, bgs., c.l., same basis..lb. .06½- .06¾
dissolved, 55% tannin, bbls., works..lb. .04375- .0595
tanks, works.....lb. .04075- —
ground, 70% tannin, bgs., c.l. lb. .089 - —
l.c.l. .....lb. .0915- —
Queen of the meadow root, bgs. lb. .11 - 12
Quercitron, crystals, bbls.....lb. 26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. 18½- —
Quicksilver, flasks (76 lbs. net).. flask. 104.00 - 105.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. No stocks
powd., precip., cns.....oz. No stocks
Sulphate, USP, cns.....oz. No stocks

ORONITE CHEMICALS
REG. U.S. PAT. OFF.

THE NAME TO WATCH IN CHEMICALS

REPRESENTATIVE APPLICATIONS

This End-Product	...Gains These Properties From Oronite Cresylics
Surface Coatings	Increased drying-oil solubility; greater flexibility (when used with phenol and para-substituted phenol)
Flotation Agents	Frothing; high metal recovery
Disinfectants	High phenol coefficient
Detergents (metal)	Penetration; good solvent action; translucence; slow evaporation

CRESYLIC ACIDS...
KEYED TO MANY USES

Oronite Cresylic Acids, now in growing commercial demand, are produced in several grades for flexibility and precise adaptation in a wide field of industrial uses. Further information will be sent without obligation if you will write, on your business letterhead, telling us the applications you have in mind.

TYPICAL TESTS (Grades of Cresylics here shown are offered subject to availability)

		"D"	"E"	"F"	"FF"	"G"	"H"
Specific Gravity at 60°F.	(ASTM-D287)	1.041	1.029	1.018	1.016	1.009	1.016
Distillation, °C.: 5% Recovered	(ASTM-D447)	188	200	212	213	224	236
50% Recovered		192	207	216	219	231	249
95% Recovered		204	220	227	233	249	262
Neutral Oil, % by volume		0.9	1.0	0.5	0.5	1.0	1.0
Water by Distillation, %	(ASTM-D95)	0.8	0.4	0.2	0.2	0.4	0.6
Mineral Tar Acid Content, %		98.3	98.6	99.3	99.2	98.6	98.4
Sulfur Content, % (Inc. in Mineral Tar Acids)		1.1	0.75	0.50	0.45	0.40	0.50
Flash, °F.	(Cleve.)	200	200	200	210	210	235
Refractive Index at 20°C.		1.5431	1.5406	1.5382	1.5364	1.5329	1.5229
Phenol Coefficient	(F.D.A.)	4-5	6-8	9-11	12-14	16-18	18-20

11798

ORONITE CHEMICAL COMPANY

Russ Building, San Francisco 4, California
White-Henry-Stewart Bldg., Seattle 1, Wash.

30 Rockefeller Plaza, New York 20, N. Y.
Standard Oil Bldg., Los Angeles 15, Calif.

Quinine,[6] NF, cns., 100 ozs...oz. No stocks
Acetate, cns., 100 ozs.....oz. No stocks
Arsenate, cns., 100 ozs.....oz. No stocks
Asenite, cns., 100 ozs.....oz. No stocks
Bisulphate, USP, cns., 100 ozs. oz. No stocks
Dihydrobromide, bots., 50 ozs.. oz. No stocks
Citrate, cns., 100 ozs.....oz. No stocks
Ethylcarbonate, USP, cns., 100 ozs..oz No stocks
Ferrocyanide, cns., 100 ozs.oz No stocks
Formate, cns., 100 ozs.....oz. No stocks
Glycerophosphate, cns., 100 ozs. oz. No stocks
Hydrochloride, USP, cns., 100 ozs..oz. .89½- —
Hydrochlorosulphate, cns., 100 ozs..oz. No stocks
Hydriodide, cns., 100 ozs..oz. No stocks
Hypophosphite, cns., 100 ozs.oz. No stocks
Phosphate, NF, cns., 100 ozs.oz. No stocks
Salicylate, NF, cns., 100 ozs.oz. No stocks
Sulphate, USP, cns., 100 ozs.oz. 80½- —
Sulphocarbolate, cns., 100 ozs.. oz. No stocks
Tannate, USP X, cns., 100 ozs. oz. No stocks
Tartrate, cns., 100 ozs.....oz. No stocks
Valerate, NF IV, 100 ozs..oz. No stocks
Quinine-urea hydrochloride,[6] USP. cns..oz. No stocks
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.75 - 1.80
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis...lb. 1.10 - 1.90

Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.) (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .30 - —

Red cadmium lithopone, all shades, in smaller pgks., 5c. per lb. higher.

Orange (see Orange).
Selenide, dark, bbls., works. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Carmine, No. 40, dms., 100-lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25

Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, coaltar).

Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .085 - .094
Lacquer, maroon, bbls., wks. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithol toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake 25% kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —

Maroon, in smaller pkgs., 5c. per lb. higher.

Mercury oxide, tech., bbls., 10,000 lbs., works..lb. 2.60 - —
smaller lots, works...lb. 2.62 - —
Metallic, bbls., works.....lb. .02 - —
Oxide (see Red, iron oxide).
Para toner, concent., alizarin lake, kgs., works..lb. .70 - —
Persian (see Orange).
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine, Y, kgs., works..lb. 4.35 - —
Purple lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
MNPT maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., wks....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.50 - 2.65
Red precipitate, NF, powd., fib. dms..lb. 2.77 - 2.79
Red saunders wood grd., bbls.lb. .35 - —
Resorcinol, tech., dms., works.lb. .64 - .74
USP cryst., dms. frt. alld..lb. 1.60 - —
Rhatany root, bgs.....lb. .15 - .16
Rhubarb, whole, cs.....lb. .70 - .71
powd., bbls.....lb. .80 - .81
Riboflavin, bots.....kilo.200.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, gran. powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - .42
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.65
Leaves, Portuguese, bls.....lb. .08½- .09
Spanish, bls.....lb. .13 - .13½
Rosin, gum,[3]—
B, dms., c.l.....100 lbs. 6.68 - —
D, dms., c.l.....100 lbs. 6.75 - —
E, dms., c.l.....100 lbs. 7.28 - —
F, dms., c.l.....100 lbs. 7.38 - —
G, dms., c.l.....100 lbs. 7.42 - —
H, dms., c.l.....100 lbs. 7.44 - —
I, dms., c.l.....100 lbs. 7.44 - —
K, dms., c.l.....100 lbs. 7.48 - —
M, dms., c.l.....100 lbs. 7.50 - —
N, dms., c.l.....100 lbs. 7.66 - —
W.G., dms., c.l.....100 lbs. 7.91 - —
W.W., dms., c.l.....100 lbs. 8.18 - —
X, dms., c.l.....100 lbs. 8.18 - —

Rosin, wood,[1] B (resin), dms., c.l., works..100 lbs. 5.00 - —
FF, dms., c.l., works.100 lbs. 4.50 - —
G, H, I, dms., c.l., works.. 100 lbs. 4.95 - —
K, dms., c.l., works..100 lbs. 5.00 - —
M, dms., c.l., works..100 lbs. 5.05 - —
N, dms., c.l., works..100 lbs. 5.15 - —
WG, dms., c.l., works.100 lbs. 5.25 - —
WW, X, dms., c.l., works.. 100 lbs. 5.40 - —
Rotenone,[1] bbls., works.....lb.10.90 -13.50
extract, liq., dms., works.... per unit. 1.05 - —
powder (see Cube root).
Rottenstone,[1] bgs., c.l., mines.. ton.25.50 - —
l.c.l., mines.....ton.37.50 - —
Rue, bls.....lb. .48 - .50

S

Sabadilla seed, powd., bbls....lb. .45 - .48
Saccharin,[1] soluble and insoluble, 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.60 - 1.65
Persian, tins.....lb.48.00 - —
Spanish, NF, tins.....lb.42.00 Nom.
Safrol, cns.....lb. .90 - .92
Sage, Calif., leucophylla, bgs., Pacific coast..lb. .80 - .81
Dalmatian-type, No. 1, bgs., Pacific coast..lb. .85 - .87
Cyprus, good, bls.....lb. .24 - .24½
fair, bls., futures.....lb. .18¼- .19
Greek, bls.....lb. .29 - .29½
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .15 - .15½
Washington, Dalmatian - type, bls..lb. .41 - .43
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb.15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
Powdered salol, 10c. higher.
Salt, rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.20 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.00 -23.20
Saltcake, dom., bulk, works..ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 ton lots..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 ton lots.. 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., powd., cns.kilo.170.00-185.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, dom., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .47
Mexican, bls.....lb. .32 - .33
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Calif., bls.....lb. .75 - .76
Spanish, bls.....lb. .22 - .22½
Saw palmetto berries, bgs....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .09 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31½- —
kegs, 5,000 lbs., 1 shipm't..lb. .31½- —
smaller lots.....lb. .31¾- —
Selenium, pwd., cns., 10 lb. lots.. lb. 1.85 - —
cs., 1,000 lb. lots.....lb. 1.75 - —
Senega root, bls.....lb. 2.45 - 2.50
Senna, Alex., half-leaf, bls....lb. .12 - .13
siftings, bgs.....lb. .18 - .19
Tinnevelly, No. 1, bls.....lb. .18 - .19
2, bls.....lb. .16 - .17
3, bls.....lb. .15 - .16
powd., bbls., bgs.....lb. .16 - .17
Pods, bls.....lb. .09 - .10
Pods, bls.....lb. .13 - .14
Shellac,[1] bleached, bonedry, bbls., 1,000-lb. lots..lb. .42¼- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500-lb. lot. lb. .48½- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —

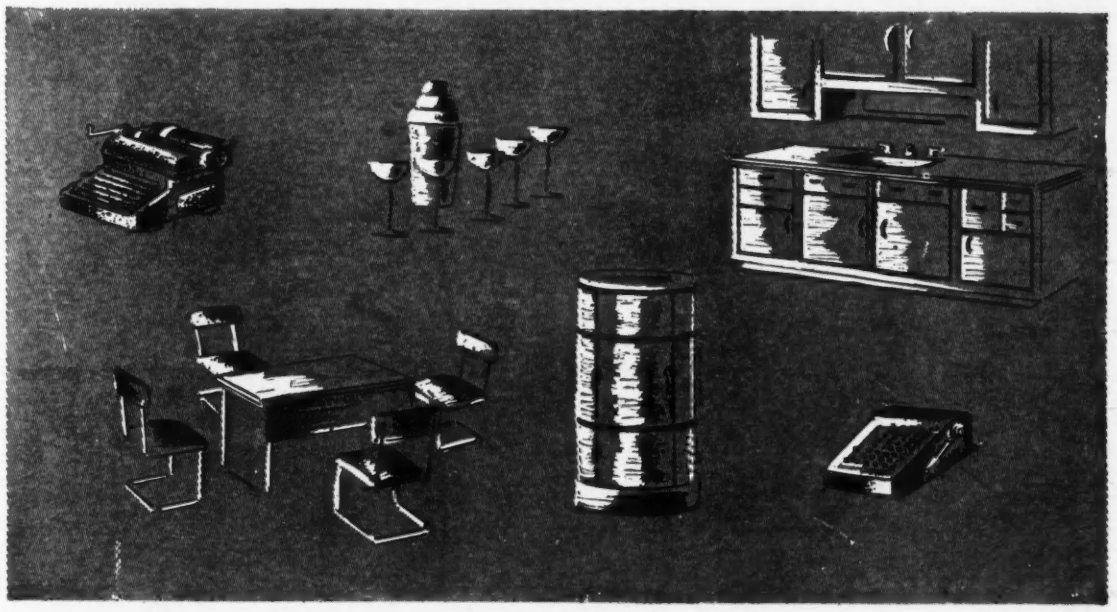
Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices: (1) packed in bgs., ¾c. per lb.; (2) bbls., 1c. more; (3) kgs., 3c. more.

D. C., V.S.O., Diamond I, 100 bgs..lb. .4650- —
Garnet, 100 bgs.....lb. .3890- —
Superfine, 100 bgs., Boston, N. Y..lb. .3660- —
Chicago .....lb. .3710- —
Pacific coast.....lb. .3980- —
TN, 100 bgs., Boston, N. Y.lb. .3550- —
Chicago .....lb. .3600- —
Pacific coast.....lb. .3805- —

Shellac in cs., 2c. higher. Shellac sales 1 bg or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2½c. more; 10 to 99 bgs., cs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works.. ton.17.00 - —
l.c.l., works.....ton.20.00 - —
400 mesh, bgs., c.l., works.. ton.18.00 - —
l.c.l., works.....ton.19.00 -20.00

Chromic Acid
MAKES LIFE MORE COLORFUL



This life of ours becomes more colorful every day—thanks to chromic acid. Gone from home, office and industry are drab grays and lifeless shades. In their place is colorful aluminum and its alloys—plentiful, popular and versatile. Now, by anodizing aluminum with chromic acid, it can be dyed to a finish that is attractive, durable and desirable for many applications.

For instances, aluminum typewriters, adding machines, tables, chairs—even cocktail sets—are but a few of the many appointments that may be anodized with chromic acid and dyed any one of a variety of colors.

In the home, too, aluminum equipment may be harmonizedwith the color scheme by this interesting and efficient process.

A full description of methods for producing chromic acid anodic coatings on aluminum, developed in the laboratories of Mutual, is given in our booklet, "Anodizing Aluminum by the Chromic Acid Process," which you may have upon request. Literature on dyeing methods is also available.

Mutual Chromic Acid is widely used in many industries because it is always the same high quality product to meet all specifications. Shipments of chromium chemicals are made from either of our complete plants or dealers' warehouses throughout the country.

MUTUAL CHEMICAL COMPANY OF AMERICA
270 Madison Avenue, New York City

OVER A CENTURY OF CHROMIUM CHEMICAL PROGRESS

Mutual
CHROMIUM CHEMICALS

SEND FOR THESE INFORMATIVE BOOKLETS
MUTUAL CHEMICAL COMPANY OF AMERICA
270 Madison Avenue, New York City
Please send me the following Mutual Booklets:
☐ Anodizing Aluminum by the Chromic Acid Process
☐ Dyeing Chromic Acid Anodized Aluminum—Black Finishes
☐ Dyeing Chromic Acid Anodized Aluminum—Colored Finishes
☐ Chromate Corrosion Inhibitors in Bimetallic Systems
☐ Chromate Corrosion Inhibitors for Internal Combustion Engines
☐ The Chromate Treatment of Brine
Name.....
Company.....
Address.....

Silica, amorph., wet-grd., 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., works. ton.30.00 - —
l.c.l., works.....ton.35.00 -38.00
90%-98%, 325 mesh, bgs., c.l., wks..ton.20.00 - —
l.c.l., works.....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works.....ton.15.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silicon tetrachloride, tech., dms., c.l., works..lb 15½-
l.c.l., works.....lb 18½- .27
Silver bullion.....oz. .71111- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, cns., 100 ozs., bots., 2,500-oz. lots..oz. .47 - —
1,000-oz. lots.....oz. .47⅝- —
smaller lots.....oz. .47½- .47⅝
Neucleinate, USP, bots., dms.. oz. .308 - .358
Proteinate, USP, bots., dms.oz. .288 - .338
Simarubra bark, bls.....lb. .55 - .60
Skullcap, Eastern, bls.....lb. .60 - .65
Skunk cabbage root, bls.....lb. .25 - .30
Slate flour, bgs.. c.l., works.ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .06
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .8

Soapbark, bls.....lb. .29 - .30
crushed, bls., bbls.....lb. .34 - .35
cut, dom., bls., bbls.....lb. .34 - .35
imp., bbls.....lb. No stocks
powd., bbls.....lb. .32 - .33
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
NF, cryst., bb'ls., kgs.....lb. .14 - .16
tech., 99%, l.c.l., dlvd.....lb. .05½- .06
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.60
Aluminate, for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, l.c.l., works.. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .16 - .16½
Arsenate, dms., dealers, c.l., works..lb. .09½- —
l.c.l., works.....lb. .10¾- .11¼
gray, dms., dealers, c.l., works..lb. .08¾- —
l.c.l., works.....lb. .09 - .10

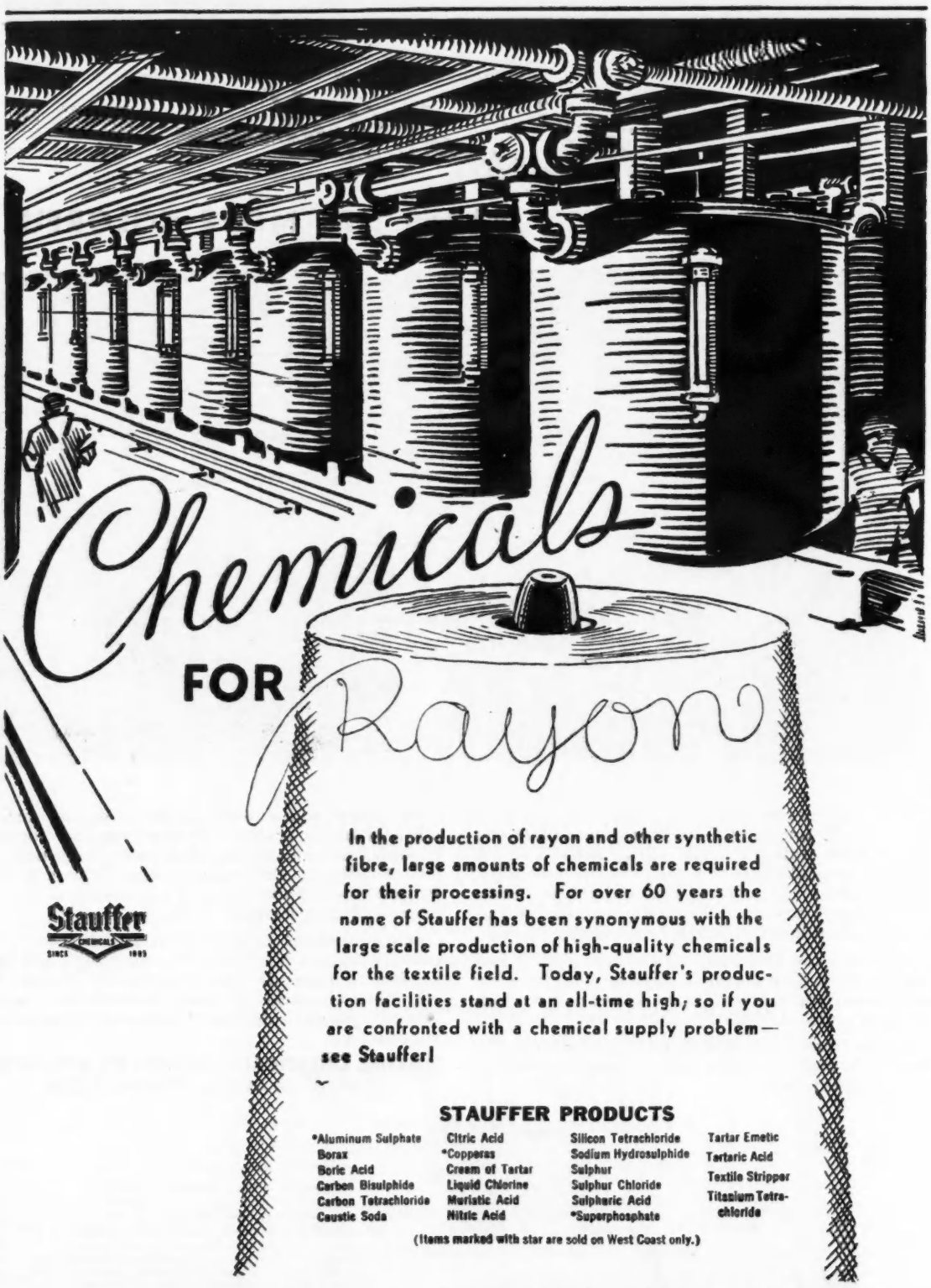
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 4.15 - —
l.c.l., dlvd., zone 1.. 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., wrks, Zone 1.. 100 lbs. 1.35 - —

Soda ash, dense, 58%, bbls., l.c.l., Zone 1..100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .96 - —
extra light, 58%, bgs., c.l.. 100 lbs. 1.18 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works.. 100 lbs. 1.05 - 1.18
l.c.l., dlvd., zone 1..... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.80 - —
l.c.l., dlvd., zone 1..... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south bound. of Ky and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93° Gta.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La. and Miss. No. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, dms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .53
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works. 100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.45 - —
Bichromate,[1] bgs., c.l., works. lb. .07¾- —
l.c.l., works.....lb. .07¾- .08⅛
Soda bichromate, in bbls., ½c. higher.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., same basis.....lb. .12½- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.60 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., c.l., works.100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. 25 - —
fiber dms., 100 lbs., works, lb. .26 - —
Cacodylate, bots., dms.....lb. 8.50 -10.50
Carbonate (see Soda ash, Soda monohydrate Soda sal).
Caustic, flake, powd., 76%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd.100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-48%, buyer's tanks. works..100 lbs. 1.92½- —
seller's tanks, works. 100 lbs. 1.95 - —
70%, buyer's tanks, works. 100 lbs. 1.97½- —
seller's tanks, works. 100 lbs. 2.00 -
solid, 76%, dms., c.l., works. 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd..100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
4, dlvd.....100 lbs. 3.95 - —
Caustic soda zones are same as soda ash.
Chlorate cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works....lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chloride (see Salt).
Chromate,[1] bbls., cks., c.l., works, frt. equald..lb. .09¼- —
l.c.l., works, frt. equal..lb. .09½- .09¾
Soda chromate in bgs. is ½c. less.
Citrate, USP VIII, bbls.....lb. .18½- —
dms. .....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
dms. .....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms. .....lb. .25½- .29½
Cyanide, 9?-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09½- .10½
anhydrous, dms., dlvd....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. works
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works .....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, crys., bbls..100 lbs. 1.25 - —
dms. .....lb. 1.40 - —
powder, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .18 - —
Hydroxide, USP, sticks, dms.lb. .24 - .25
tech. (see Soda caustic).
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, crys., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis...100 lbs. 2.50 - —
pea, cryst., bgs., c.l., works.. 100 lbs. 2.60 - —
Soda, hyposulphite, crystals, in bbls., 20c. higher; pea crystals, dms., 50c. higher.
USP, cryst., bbls.....lb. .10 - .12
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metaborate, gran., bbls., c.l., dlvd..lb. .0485- —
l.c.l., N. Y., or Chi....lb. .051 - —
bgs., c.l., dlvd.....lb. .0435- —
l.c.l., N. Y., or Chi....lb. .046 - —
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald.... 100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.80
gran., bbls., c.l., works, frt. equald..100 lbs. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Methylate, bots., works.... .lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Molybdate[1], anhyd., kgs., works. lb. .47 - —
Monohydrate, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, dms.. 100-lb bgs., c.l., works..ton.30.05 - —
bulk, c.l., works.....ton.27.00 - —
refd, gran., bbls., 10 tons.. 100 lbs. 3.50 - —
smaller lots.....100 lbs. 3.75 - 4.00
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac. whse..ton.33.00 - —
200-lb. bgs., same basis. ton.32.40 - —
bulk, same basis.... ..ton.30.00 - —
Nitrite, 96-98%, bbls., c.l., works, frt. equald..lb. .06¾- —
west coast ports..100 lbs. 8.00 - 8.05
l.c.l., dlvd.....100 lbs. 8.90 -11.00
Orthosilicate, anhyd., dms. c.l., works, frt. equald. 100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.80
flake, dms., c.l., works..100 lbs. 3.10 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55



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Silicon Tetrachloride
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Soda oxalate, neut., bgs., works, lb. .10 - —
Pantothenate, dextrorotary, 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquete, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald.lb. .17 - —
kgs., l.c.l., works, frt. equald..lb. .19 - —
Perborate, NF, bbls., c.l., wks. lb. .14½- —
l.c.l., works.....lb. .15½- —
Peroxide, dms., c.l., dlvd., E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate, dibasic, tech., anhyd., bgs., c.l., works, 100 lbs. 6.00 - 6.26
l.c.l., works....100 lbs. 6.40 - 6.75
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works....100 lbs. 2.95 - 3.45
USP XII, dried, bbls., dms., works..lb. .159 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 7.65 - 9.00
tribasic, anhydrous, bgs., c.l., works, frt. equald..... 100 lbs. 6.00 - 6.05
l.c.l., same basis.100 lbs. 6.50 - 7.00
cryst., bgs., c.l., works.... 100 lbs. 2.70 - —
l.c.l., same bas's..100 lbs. 3.10 - —
kgs., c.l., works...100 lbs. 3.40 - —
l.c.l., works....100 lbs. 3.80 - —

Soda phosphate in bbls. 20c. higher.
USP (see Sodium phosphate, dibasic).

Prussiate, yellow, bgs.....lb. .10½- —
bbls. .....lb. .11 - —
Pyrophosphate, ferric, dms., 10,000 lbs., works..lb. .22 - —
smaller lots, works.....lb. .22½- —
tetra-basic, anhydrous, bgs., c.l., works, frt. equald.. 100 lbs. 5.25 - —
l.c.l., same basis.100 lbs. 5.40 - 5.75
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .54
Sesquicarbonate, bgs., c.l., wks. 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd....100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.

Sesquisilicate, dms., c.l., works. 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40°, turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, turbid, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works. lb. .06½- .07
l.c.l., works.....lb. .08 - .10
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07¾
tech., anhyd., bgs., c.l., wks. 100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - 2.20
cryst. (see Glauber's salt).
USP, ctyst., gran., bbls....lb. .07 - .10
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works..100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l., works.... 100 lbs. 5.25 - —
l.c.l., works.....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 88%, dms., c.l., works, 100% basis, lb. .06 - —
l.c.l., works.....lb. .08 - —
88%, tanks, 100% basis, works..lb. .08¾- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Soda sulphoricinoleate, bbls....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[1,6] tech., kgs.....lb. 1.35 - 1.50
Soda-cinchophen, bots., dms...lb. 3.75 - 3.85
Soda-formaldehyde sulphoxalate, stand. cont. 125-250 lbs...lb. .19 - .22
Soda-sulphadiazin, USP, dms..lb.10.50 -10.60
Soda-sulphamerazin, dms.....lb.10.50 -10.60
Soda-sulphapyridine, powd., bots., dms..lb. 5.00 - 5.30
Soda-sulphathiazole, USP, dms., lb. 2.50 - 2.80
Solvent naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
Minnequa, Colo.....gal .21 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
wire enamel, ret. dms., c.l., frt. equalized..gal. .27 - —
l.c.l., same basis....gal. .30 - —
tanks, works.....gal. .22 - —
Soybean meal,[3,7] 41%, bulk, c.l., Decatur..ton.45.00 - —
Protein, alpha, bgs., 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works.....lb. .20½- .24
Sorbitol, com'l, dms., c.l., works, lb. .16¾- —
l.c.l., works.....lb. .17¾- —
Sparteine sulphate, bots., cns..oz. 2.25 - 2.95
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .48 - .49
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 1.60 - —
White, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .18 - .20
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .10¾- .11¼
Starch, corn, pearl, bgs..100 lbs. 4.06 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 - —

Starch, iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.10 - 1.15
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
mesh 90%, bbls., works..ton.58.00 - —
Chromate, bbls., kgs., Phila.lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls., works.....lb. .38 - .40
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., air-floated, 325 mesh 90%, bbls., works..ton.58.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Kombe, bgs., lb. 2.40 - 2.45
Strychnine, NF, powd., cns., 100 ozs..oz. 1.25 - —
Sulphate, USP, powd., cns., 100 ozs..oz. 1.00 - —
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazine, USP, dms.....lb. 9.00 - 9.10
Sulphaguanidin, dms.....lb. 4.50 - 4.60
Sulphamerazin, dms.....lb. 9.00 - 9.10
Sulphanilamide, USP, bots.....lb. 1.50 - —
fib. dms.....lb. 1.05 - 1.25
Sulphanilamide, 30-60 mesh, 10c. higher.
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiozole, dms.....lb. 2.50 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contract..long ton.16.00 - —
vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.11
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.. 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
flowers, USP, bgs., c.l., wks. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
Refined sulphur flowers in bbls., 35c. higher.
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works.100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
rubbermakers', bgs., c.l., wks. 100 lbs. 1.85 - —
Chloride, 35-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, com'l, cyls., c.l., works..lb. .07 - —
l.c.l. .....lb. .08 - —
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., l.c.l., works..lb. .16 - .31
Iodide, bots., jars.....lb. 3.90 - 4.11

Sumac extract, No. 1, bbls....lb. .06 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida .....unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.02 per ton; guaranteed 18, 19 or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% or more, a.p.a., bulk, producing points, Florida. unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.
Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, bls.....lb. 1.20 - 1.30

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Talc,[1] dom., ordinary, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., wks.ton.17.50 -43.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works.....ton.12.00 -14.50
Vermont, bgs., c.l., works. ton.14.00 - —
l.c.l., works.....ton.15.00 - —

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Talc, fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works. ton.13.00 -16.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85 - 99.95%, bgs., c.l., works..ton.17.00 -21.00
imp. Canada, bgs., c.l.....ton.24.00 -30.00
Tallow,[1,7] edible, tanks.....lb. .09½- —
inedible, extra, loose.....lb. .06½- —
special, louse.....lb. .06½- —
sulphonated, 50% (42% fat), dms., c.l..lb. .07 - .07½
(70% fat), dms., c.l.....lb. .10 - .10½
Tallow, sulphonated, l.c.l., ½c. higher.
Tamarind, bbls.....lb. .13 - .14
Tankage,[1,7] animal, feed grd., 9-11% ammon., bulk, unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,6] bgs.....lb. .07 - .07½
Java, bgs.....lb. No stocks
Tar acid oil, 15-18%, dms., c.l., works..gal. .26½- —
l.c.l., works.....gal. .28½- —
25% dms., c.l., works..gal. .30 - —
l.c.l., works.....gal. .32 - —
Tar, pine (see Pinetar).
Tara,[1] powd., c.l., ex dock, U. S. ports..long ton.112.00 -115.00
Tarragon herb, bgs.....lb. .60 - .65
Leaves, bgs.....lb. 1.20 - 1.25
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47½- .49
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .53½- .56
Terpin hydrate, com'l, bbls., c.l. lb. .24½- —
l.c.l. .....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .54 - .60
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terra alba (see Gypsum).
Tetrachloroethane, dms., works, lb. .08 - .08½
Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrallin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 90%, bots., works..lb.12.50 Nom.
Theobromine,[1] dms., 25-lb. lots.. lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride, dms., 100 grams or more..kilo.160.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works..lb. 2.00 -
Thyme, California, French type, bls., Pacific Coast..lb. .90 - .92
Spanish, bls.....lb. .14 - .14½
Thymol, cns.....lb. 2.40 - 2.75
Iodide, dms.....lb. 3.40 - 3.80
Timbo root (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
crystals,[6] bgs., bbls.....lb. No stocks
Metal,[1,6] .....lb. .52 - —
Bolivian .....lb. .63½- —
Straits .....lb. No stocks
Oxide,[1,6] bbls.....lb. .54 - .55
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,4] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., dlvd.....lb. .15½- .15¾
nonchalking,[1,4] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., dlvd.....lb. .16¾- .17¼
plain, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .14¾- .15½
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium, base,[1,4] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,4] bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .05¾- —
Calcium-rutile base,[1,4] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
Magnesium base,[1,4] dlvd...lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast, c.l., dlvd., l.c.l., ex whse., ¼c. higher.
Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs., works.....lb. .65 - 1.22
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. 2.20 - 2.25
Toluidin base, distilled, kgs...lb. .96 - —
Toluene (see Toluol).
Toluol (toluene), coaltar, 2°, indust., dms., return, wks. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
1°, nitration, ret. dms., works. gal. .32 - —
tanks, E. of Omaha, frt. alld..gal. .27 - —
West Minnequa, Colo..gal. .27 - —
Petroleum toluol prices, same as those for coaltar toluol.
Tonga, 50% bark and vine, bbls. lb. .90 - .91
Tonka beans, Angostura, cks.lb. 1.50 - 1.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100-ozs. tots..ozs. .52 - —
Triacetin, dms., works.....lb. .27 - .32
Triamylamine, dms., c.l., works. lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, dms.....lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, cns., l.c.l., dlvd..lb. .53 - .55
dms., l.c.l., dlvd.....lb. .49 - —
Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l., works.....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07½- —
Trichloroethane, dms., c.l., works. lb. .15 - —
l.c.l., works.....lb. .17 - —
Trichloroethylene, dms., c.l., Zone 1, works, frt. alld..lb. .08 - —
Zone 2, frt. alld.....lb. .08½- —
Zone 3, frt. alld.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene, l.c.l., prices, ¼c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate, tech., cns., works..lb. .28 - .29½
dms., c.l., dlvd.....lb. .25 - —
l.c.l., dlvd.....lb. .25½- —
tanks, dlvd.....lb. .24 - —
Triethanolamine, dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .40 - —
Triethylamine, dms., c.l., works, basis 100%..lb. .34 - —
l.c.l., works, basis 100%....lb. .36 - —
tanks, works, basis 100%....lb. .30 - —
Triethyleneglycol, dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd. lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Trimethylolpropane, bbls.....lb. .65 - —
Triphenyl phosphate, bbls., c.l., frt. alld..lb. .31 - —
l.c.l., same basis.....lb. .32 - —
Tripoli,[1] air-floated, bgs., c.l., works..ton.21.50 - —
double-grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
Trisodium phosphate (see Soda phosphate tribasic)
Tuba root (see Cube root)
Tungsten metal, powd., 98-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Alleppey, bls., futures..lb. .18 - .18¼
Haitian, bls., Miami or New Orleans..lb. .10 Nom.
Madras, bgs.....lb. .17¼- .17⅝
Turpentine, gum, ret. dms., c.l. gal. .93½- —
l.c.l. .....gal. 94½- —
tanks, Savannah.....gal. .83½- —
Wood,[1] d.d., dms., East... gal. .65 - .70
tanks, East.....gal. .60 - —
steam-dist., ret. dms., East, gal. .80 - .85
tanks, East.....gal. .74 - .75
Sulphate, ret. dms.....gal. .65 - .76

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium,[6] oxide, black, bgs...lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea-ammonia liquor (A and B), free ammonia content, Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, Belle, W. Va., freight equalized with Hopewell, Va., NH_3..ton.112.80 - —
Urea, dom., 45% N., bgs., c.l., works or ship. pts..ton.68.00 - —
l.c.l., ship. pts.....ton.70.50 -83.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works, or Atlantic or Gulf ports..ton.87.40 - —
fixed ammonia content, usual Atlantic and Gulf ports, NH_3..ton.116.80 - —
C and D prices for Urea-ammonia liquor are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Urunday, c.l., ex dock, in bond, lb. .05 - —
Uva ursi leaves, bls.....lb. .16 - .17

V

Valerian root, Belgian, NF, bls., lb. .59 - .60
Indian, bls.....lb. .60 - .65
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium[1] pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb. 9.50 -10.00
whole, tins.....lb.10.50 -11.00
Tahiti, white label, tins.....lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] ex eugenol, tins, 25 lbs. or more..lb. 2.60 - —
smaller lots, tins.....lb. 2.65 - 2.75
ex guaiacol, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50
ex lignin, tins, 25 lbs or more. lb. 2.35 - —
smaller lots, tins.....lb. 2.40 - 2.50

AR 50 AR 60 AR 70 NR 70

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Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate, cbys., works....lb. .35 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., l.c.l., works, lb. .25 - —
Vinyl ether, bots., 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Trichloride (see Trichloroethane).
Vinylpyridin, ref. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), bots., mil., units. .10 - .12
in corn oil (see Calciferol).
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
D_3 (see Calciferol).
E (see Alphatocopherol).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .60
Wattle bark,[1,5] E. Africa, bgs., f.a.s..ton.53.00 - —
S. Africa, merchandable, bgs., f.a.s..ton.53.00 - —
fair average, bgs., f.a.s..ton.55.50 - —
prime quality, bgs., f.a.s.. ton.58.00 - —
Wattle bark extract,[1] liquid, 35% tannin, bbls., works..lb. .05½- .06¼
tanks, works.....lb. .04¾- .05¼
solid, E. Afr., 62% tannin, ex dock..lb. .05596- .05845
S. Afr., 61% tannin, ex dock. lb. .0572- .0597
Wax, amorphous (see Wax, microcrystalline).
Bayberry, bgs.....lb. No stocks
Bees, bleached, USP, white, bricks, cakes, cs.....lb. .62 - .65
slabs, bgs.....lb. .60 - .62
crude, African, bgs.....lb. .49 - .51
Western hemisphere, bgs.lb. .57 - .60
refined, yellow, brick, bgs.lb. .56 - .58
cakes, cs.....lb. .55 - .57
Candelilla, crude, bgs.....lb. .72 - .74
refined, bags.....lb. .74 - .76
Powdered, candelilla, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
Carnauba, chalky, No. 3, bgs., ton lots..lb. No stocks
North Country, No. 2, bgs., ton lots..lb. 1.40 - 1.45
No. 3, bgs., ton lots.....lb. 1.36 - 1.40
refined, bgs., ton lots...lb. 1.50 - 1.55
yellow, No. 1, bgs., ton lots. lb. 1.70 - —
No. 2, bgs., ton lots.....lb. 1.68 - —
Powdered carnauba prices, same differentials as powdered candelilla.
Ceresin, dom., 132°-136° m.p., bgs..lb. .12½- .13½
138°-140° m.p., bgs.....lb. .14 - —
158°-162° m.p., bgs.....lb. .19 - .22
Japan, cs.....lb. No stocks
Microcrystalline, 170°-175° m.p., A.S.T.M., amber, ctns. 36 tons, yearly contract, group 3, works..lb. .14¼- —
amber, ctns., smaller lots, same basis..lb. .14½- .15½
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots, same basis.. lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same basis..lb. .16½- —
smaller lots, same basis, lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller bots., same basis, lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots, same basis, lb. .25 - .25¾
Montan, domestic, bgs.....lb. No stocks
Ouricury, crude, bgs., ton lots. lb. 1.05 - 1.10
refined, bgs., ton lots.....lb. 1.20 - 1.25
Powdered ouricury prices same as powdered candelilla.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .27 - .33
cakes, cs.....lb. .28 - .33
White lead (see Lead, white).
White precipitate, powd., dms., 50 lbs. or more..lb. 2.50 - —
White pine bark, rossed, bls..lb. .14 - .15
Whiting,[1] chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E. works..ton. 6.00 - —
smaller lots, N.E., works. ton. 7.00 - 9.00
wet-grd., air-coated, 360 mesh, 90¼%, bgs., c.l..ton. 9.35 -10.10
200 mesh, 99¾%, bgs., c.l., ton. 8.00 - 9.50
99%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.10.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.90 - —
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .16 - .17
rossed, green, bls.....lb. .25 - .28
Wild indigo root, bls.....lb. .30 - .31
Witch-hazel leaves, bls.....lb. .21 - .22
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N. Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .22
Levant, bgs.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .50 - .60

X

Xanthorrhiza bls.....lb. .24 - .25
Xylene (see Xylol).
Xylidin, mixed, dms.....lb. .35 - .36
Xylol (xylene), coaltar, indus., ref. dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
West Minnesqua, Colo..gal. .26 - —
10°, ref. dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
8°, ref. dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
3°, ref. dms., works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
Petroleum xylol prices, same as those for coaltar xylol.

Y

Yara yara, cryst., bots., cns..lb. 1.75 - 1.90
Yeast, brewer's dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, barium chromate, CP, bgs., l.c.l., divd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .32 - —
Barium chromate yellow price differentials in other State and city zones are those for chrome yellow below.
Yellow benzidin, bbls., divd...lb. 1.35 - 2.25
Cadmium, CP, bgs.....lb. 1.35 - 1.40
ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis, lb. .65 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Chrome, CP, bbls., divd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14 - —
Chrome yellow prices are ¼c. higher, divd. Ala., Fla., Ga., La. (Shreveport), 1½c., Miss., N. C., S. C., Tenn., Dallas, Tex., 1½c.; Ft. Worth, Tex., 1¾c.; El Paso, Tex., 2c.; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph, 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Iron oxide, nat., bbls., c.l., Bethlehem, Easton, Pa. lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synthetic, bbls., c.l., works. lb. .0625- —
l.c.l., works.....lb. .0710- —
Mercury oxide, bbls., 1,000 lbs., lb. 2.42 - —
smaller lots.....lb. 2.45 - —
Ocher American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works.....lb. .02 - .02½
French type, bbls., c.l.....lb. .0345- —
l.c.l. .....lb. .0365- —
Persian orange (see O).
Yellow zinc, bbls., same basis as chrome..lb. .16 - —
Navy spec. type, bbls., contract..lb. .16 - —
Yellow dock root, bls.....lb. .55 - .60
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vls..cs. 2.00 - 2.75

Z

Zein, bgs., 1,000 lbs., works...lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., divd.lb. .16 - .17
USP, bbls.....lb. .26 - .27
kgs. .....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .12¾
l.c.l., same basis.....lb. .12¼- .13¼
Borate, bgs., c.l.....lb. .12 - —
Carbonate, tech., rubber makers' grade, bbls., works..lb. .09¾- .10¾
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
solution, 50%, dms., c.l., works..lb. .0315- —
l.c.l., works.....lb. .04¼- .04¾
tanks, works.....lb. .0250- —
USP, dms.....lb. .50 - .51
jars .....lb. .35 - .36
Chromate (see Yellow, zinc).
Cyanide, kgs., works.....lb. .22 - .27

—Continued on page 43

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OPD—3-25-1946 32

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Volume 149 March 25, 1946 Number 12

Detrimental Seclusion

If business had done even one-half as good a job in selling itself to the public as it has done in selling its goods, many, if not most, of its current troubles never would have eventuated. If business had the proper conception of public relations and had learned how to develop and utilize them, it would have been spared much of its affliction in employment relations and governmental relations.

Public relations begin with employment relations. They end—the term has a variety of implications and explications in this connection—with governmental relations. The best public relations agent that any business can have is the employee who has been given full information with respect to the how and why of his employment and knows that he has been told the truth.

Most of the troubles of business can be traced to inadequate or inaccurate understanding of its problems and methods on the part of (1) employees, (2) customers, and (3) earnest governmental officials. Its troubles which are of plain political origin cannot be reduced to any logical explanation, politics being what it is. The reasons for the lack of understanding and for the misunderstanding are not difficult to know. For the most part they lie in the failure of business to state its case clearly and fully, to inform and educate all those with whom it must have relations with reference to the nature of its role and the conditions which that involves. The reasons for that failure are many—and none of them is sound.

Business has highly developed its productive ability and effected thereby a substantial saving of cost. It has developed a system of transportation that has resulted in a big saving of time. It has been successful to a fair degree in saving the convenience of the public in the distribution of its goods. But, it has done all too little in the direction of saving its face by means of intelligent enlightenment. It has developed great ability in publicizing its wares; but it has kept itself shrouded from the public gaze. And the public—employee, customer, and governmental official—guessing at what it is not told, has got an unfavorable, largely erroneous concept of business, from which already has sprouted much that is detrimental. The answer to many of the problems of business is that it should step out of its antiquated seclusion and become known as what it is.

— HELP THE RED CROSS —

Group Meetings Pay

The growing recognition by business management of the value of scientific research was practically exemplified in the recent convention of its research personnel held by a chemical company. Such meetings, designed to acquaint employees with the policies and plans of the employer, have been confined largely to sales forces. Occasionally some company with a broader view of the potentialities of group education has had a conference of production personnel.

The step from sales meeting to production conference is not a long one, and no great distance divides the human nature of production men from that of those engaged in research. So, there is nothing mysterious or fearful in the areas to be reached by short steps from the long popular sales meeting to the all too seldom arranged assembling of research workers. Those areas are potentially profitable. The chemical company which recently explored that sector of its operative field is pleased with its venturing.

The value of any group meeting in a business organization rests mainly on two bases. For one thing, it serves to correlate ideas and experiences and to bring these in turn into focus on a purpose, to which it also contributes understanding. The other usefulness is in the knowledge acquired of all the other factors and forces which must be brought into proper play for the attainment of objectives. It is in this connection chiefly that the idea of group meetings reaches its highest value when the correlating force of knowledge and understanding is developed to the full in a properly arranged combined meeting of research, production, and sales staffs. Lack of understanding among these groups of the objectives and the problems of one another is, perhaps, the greatest handicap to potential progress.

— HELP THE RED CROSS —

German Technical Data

Much argument goes on over what should be done, is being done, and will be done with the scientific and technical information which has come into possession of the United States by reason of the capture of German possessions. The argument comprises also the use of German technicians and scientists. Some of the arguers seem to regard the two kinds of "spoils" as complementarily inseparable. Much of the argument in all respects is influenced and predominated by narrow desires for advantages.

As the war was not won—to the extent that it has been won—by beating companions in arms to whatever success came into sight, pushing them out of line when the going eased up a bit, the spoils of the war are not to be regarded as the deserts of the smartest among those to whom they may be useful. Smartness will count in the end—whether as efficiency or shrewdness or a combination of both, it always does—but any industry will as a whole benefit in direct ratio with the extent to which the available German technologic information is distributed among its members.

The governmental agencies engaged in the translation, collation, and publication of captured technologic data are making a commendable endeavor to make the best use of the material. They are laboring under several handicaps, and the results meet a deal of adverse criticism, some of which is fully justified. But, not all the criticism should fall upon those who are trying to make the German technical data available. More than a little of it belongs to those who are trying to get them—with full application of the methods of free competition. A larger measure of correlation and collaboration on both sides would help desirably.

There is a useful hint for many industries in the action of the Society of Automotive Engineers and the American Institute of Mechanical Engineers in arranging special sessions at their annual meetings for presentation and discussion of relevant items among the captured German data. This has brought the information to wide, practical attention. It has also brought to it much useful comment and criticism drawn from experience. Not all, by any means, of the ability to understand and to evaluate scientific data or to apply them in practical technology is or ever was possessed by the Germans. Their advantage, where they had any, came mainly from their greater inclination to correlate and collaborate—a natural concomitant of the close integration of political and commercial economy in which they existed.

There is a large and promising opportunity for many industries other than the strictly mechanical—paint, textile, oil, leather, drug, petroleum—to make beneficial use of available German scientific and technical information through the meetings of their national organizations to be resumed this year. The Department of Commerce will be ready to co-operate in the arranging and holding of sessions for such particular purposes. There is much to be examined: not all of it will be without some practical value; and it will not be necessary to engage "made-in-Germany" scientific or technical minds to make the most of it.

Those who have had experience with Germans and were familiar with the German infiltration of the efforts to develop a chemical industry in the United States before the first world war, say, about forty years ago, are not joining in the bewailing of the "failure" now to import and use German scientists and technicians for development in any line of applied science. They know that such action would be the opening of every portal of entry to fifth columnists of special ability. It is unfortunate that the records by a high-ranking chemist, now dead, of his investigation of the infiltration of the United States by German chemists in the first decade of the present century apparently were lost. They would provide much badly needed information respecting the importation of German "ability."

Washington Talks It Over

—Continued from page 5

it. It took the agency almost six months to find out it had erred in spite of the fact that its attention was called to the growing situation on numerous occasions over this period by congressional committees and trade associations.

In its original order, in an effort to assist new small businesses to get under way, the OPA allowed new manufacturers whose initial output was small to calculate ceilings based on their own total current costs plus a normal industry profit. It was anticipated that this method of pricing would result in ceilings for some articles that would be somewhat higher than prevailing industry ceilings but it was thought that an expected rapid rise in production generally would soon bring these prices down through force of competition.

Now the agency has decreed that such things as fountain pens, household aluminum cooking utensils, ice boxes, small electric appliances, and a couple of other articles that can be found on the market at outrageous prices only are to be priced under the same provisions of the consumer durable goods regulations that apply to established manufacturers. It means an end to such things as $2.50 electric irons selling for $5.50, $1.50 frying pans selling for $3 and the like.

Hogs to Stop Hogging

Lean pigs, tough steaks, little chicks and broilers will be the bill of fare of American consumers this summer as a result of the shortage of grains that is forcing the government to limit the amount of feeds available to the hog, cattle and poultry raiser.

Under the conservation order on grains of the Department of Agriculture, feeders will have to stop giving grain to hogs when they reach 225 pounds, stop feeding cattle when the meat reaches grade "A," while the poultry raisers just won't get enough feed to produce the choice size flocks desired.

Still, government officials say, the overall supply of food for domestic consumption will still be 10 percent greater in 1946 per capita than it was in 1945. There will be more to eat, but it won't be as good.

PAW Passes Out

The Petroleum Administration for War is formally going out of existence April 30. For all practical purposes the agency has ceased to exist from shortly after V-J Day and there remains now only the task of closing house in an orderly manner.

President Roosevelt created the agency on May 28, 1941, as the Office of Petroleum Coordinator. Subsequently, the powers of the Office were enlarged and the name changed to Petroleum Administration for War. Secretary of the Interior Harold L. Ickes functioned as Administrator and Ralph K. Davies as Deputy Administrator throughout the entire war period.

Since Mr. Ickes resigned, Mr. Davies has been winding up the affairs of the agency. He received the Medal for Merit Award from President Truman for his war service in oil on December 7, 1945.

Wage-Price Posers

Some confusion has arisen in industry over the extent to which wage or salary increases which did not receive government approval before February 14 may be taken into consideration in increasing costs under contracts for furnishing the government with products or services. Under the new wage-price policy certain of the cost increases are reimbursable and others are not.

The key is whether the wage increases were "made," before February 14. They will not be regarded as having been "made" before that date unless they were actually reflected in payrolls before that date. They do not apply to agreements or announcements of wage increases before February 14 but not reflected in payrolls on that date.

The only way an employer can be reimbursed for these added costs will be to show that such reimbursement is necessary to prevent hardship.

Lead and Batteries

Efforts of the CPA to see to it that every new car will have a new battery are getting the agency into hot water with the little battery manufacturers. In order to stretch out the limited supplies of lead, the CPA had ruled that manufacture of storage batteries for replacement purposes shall be limited to 22 percent of the amount of lead used for the same purpose in the calendar year 1944. However, manufacture of storage batteries for original equipment is not restricted to any quota.

This might seem to be equitable treatment were it not for the fact that the big storage battery manufacturers control the original equipment contracts with the automobile companies. The result is that the little battery manufacturers are kept down to a quota whereas the big battery manufacturers have the benefit of both quota and ex-quota business.

The agency is being asked to change this system of parceling out lead supplies to the battery people before it makes its announcement of the next quarter's lead quota.

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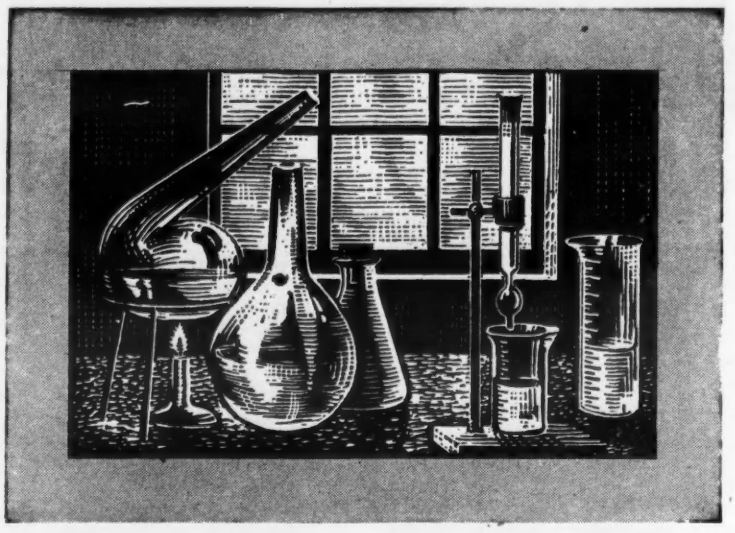

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Heavy Chemicals

Buying interest in heavy chemicals continued active and in most instances prevented any inventory increase. The closing stages of the month revealed no appreciable improvement in the former tight chemicals, many of which are depending upon current production for shipments. There was a steady export inquiry with actual business irregular on account of the current supply condition. Resumption of activity in the steel mills has not relieved the container situation to date. The falling off in copper metal production in February will probably follow through this month as additional labor difficulties have taken place. The two large copper sulphate plants that were closed down by strikes have now had their copper metal output shut off. Higher prices for antimony ore at foreign supply sources have restricted importations. Caustic soda was about as tight as it ever has been and dense soda ash remained a difficult problem for buyers. Chlorate of soda stocks were denitefily tight and its close affiliation with chlorate of potash has led to possibilities of the latter becoming tighter shortly. No improvement could be noted in nickel sulphate supplies and there was no easement in zinc sulfate inventories. There was sufficient carbon tetrachloride and chlorine to meet present requirements. Buyers had difficulty in booking carlot shipments of oxalic acid except for the Summer months.

Paper production as a percentage of six-day capacity was 104.1 in the week ended March 16, according to the American Paper and Pulp Association. This compares with 103.4 in the previous week and 89.4 percent a year ago.

Production figures appearing in some of the following market reports were released by the Department of Commerce unless otherwise specified.

Ammonia—It is stated that the ordnance department is producing 4,000 tons of anhydrous ammonia monthly to help alleviate the shortage of chemicals used in the production of fertilizer and that ordnance quota will shortly be raised to 8,000 tons.

Ammoniac Sal—Better production but not enough to build up inventories. Stocks short under heavy demand, mostly for dry battery use. Importations of 627 bags noted during the week.

Antimony—Some ore being imported but supply short and keeping down production of antimony chemicals. Importers state that ore prices have advanced in China and that the present market is above ceilings in U. S. Arrivals last week amounted to 4,259 bags.

Calcium Chloride—Shipments continued behind schedule, keeping market in short supply and exceedingly tight. Absence of reserve stocks forces demand to depend upon current production. Some interests look for slight easement this Summer, others are not so optimistic.

Chlorine—Supply situation not much of a problem for buyers at present, main difficulty is the container question. Reduced production expected to place market in better balance.

Copper—Production is seriously affected by strikes at several of the larger mines in the West. Government efforts and fact-finding boards are at work in an attempt to bring about an early settlement.

Copper Sulphate—Supply situation has been further aggravated by a copper strike, thereby making an airtight shutdown at two major sulphate producing plants. Meanwhile, the demand for agricultural use for copper sulphate has increased sharply and expansion has taken place also for industrial requirements through the cessation of labor disturbances in some of the large consuming industries.

Manganese Dioxide—Miscellaneous demand has sustained a satisfactory movement in this chemical. Aside from the match manufacturers, the cement, ceramic and chemical industries have all shown interest in this market. Inventories have been able to meet requirements promptly.

Nickel Sulphate—Consuming demand has exerted heavy pressure for shipments throughout the month. Production has been interrupted by labor disputes and demand has exceeded supplies. Although the largest shipments have been channeled to the makers of lard substitutes, the plating demand for hardware has steadily increased. The supply situation was exceedingly tight at the close of the week.

Potash Chlorate—Continued in fair condition last week with shipments moving out steadily but preventing the building up of inventories. The close affiliation of this chemical with chlorate of soda has led to the opinion that a tighter situation may develop shortly.

Soda Ash—Shipments of light soda ash have moved nearer schedule, but the situation in dense soda ash seemed tighter at the close of the month than at the beginning. The serious shortage of tin has kept dense ash shipments under pressure from glass factories all month, leaving the market in an exceedingly tight position.

Soda, Caustic—Has shown no signs of betterment in supply conditions during the past month. Consuming demand is broad and pressing for both liquid and dry forms. The recent cutback in electrolytic caustic output has tightened the supply, and unless improvement in demand for chlorine is experienced, there is no chance of an increased production. To further aggravate the movement is the shortage of steel drums and slow return of tankcars. In the closing stages of the month the supply position was about as tight as at any time on record.

Soda Chlorate—No abatement in buying interest could be noted. Demand was of the same broad character and out-distanced production temporarily. The supply position was definitely tighter than at the beginning of the month.

Soda Phosphates—Production of dibasic in January registered 5,727 tons, compared with 6,094 tons in December. Output of tetra was 4,343 tons against 4,268 tons in December. Tribasic production in January was 9,216 tons, compared with 8,710 tons in the preceeding month. Current demand for these phosphates has outdistanced production and left the markets in a definitely tight condition.

Soda Silicate—An increase of more than 5,000 tons was noted in January. Output of soluble silicate glass, liquid and solid amounted to 34,524 tons, compared with 29,276 tons in December.

Tin—Regardless of the poor supply outlook, the Civilian Production Administration plans to put "all of its chips on the table" and supply vitally needed tin for food packing, for solder and babbitt bearings in automobiles and for other consumers goods products. To do this, CPA plans to make 65,000 tons of virgin tin available in 1946, an increase of about 7,000 tons over 1945. Secondary tin recovery in 1946, according to the report, will approximate the 26,000-ton recovery last year, bringing total tin available to industry this year to around 90,000 tons. To supply 65,000 tons of virgin tin will necessitate drawing on government stocks to the extent of about 23,000 tons. The 42,000 tons expected to be imported will include 12,000 tons of pig tin and 30,000 tons of concentrates. The sources of this tin will be Bolivia, the Belgian Congo plus available stocks and production in Malaya, Netherlands East Indies and Siam.

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

General Chemicals

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
168.9	168.9	168.9	169.0

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

(For Current Prices see page 9)

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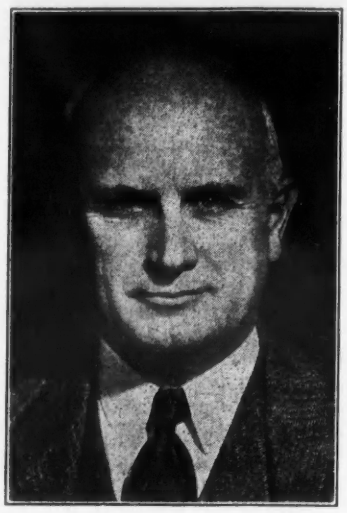

George B. Beitzel, vice-president in charge of sales for the Pennsylvania Salt Manufacturing Company, Philadelphia, is in Latin America on business. Mr. Beitzel said last week that his company's exports to that section will increase fifty to 100 percent during 1946.

Acids

Chromic—Not in free supply but distribution has been better for plating use. Demand has not permitted inventories to increase and stocks for export have been restricted.

Hydrofluosilicic—Some business for prompt shipment reported for adhesives, breweries and plating. Inventories sufficient to meet demand without difficulty.

Naphthenic—Supply position held recent improvement with all grades available for fairly prompt shipment. Manufacturers of paints and esters showing interest.

Oxalic—Heavily sold ahead for miscellaneous uses for the next ninety days. Some carlot business might be placed for June but producers prefer July.

Sulphuric—Moving heavily to maintain peak production of superphosphate. Also in better demand for iron and steel use. Supply position tight for prompt shipment in tankcars.

Baltimore, March 22.—The ceiling continues to show slight variations and has been effective since the beginning of the war, when the highest figures for March were adopted as the top level for the various producers. Following the termination of the conflict government deliveries declined, but the ceiling remained unchanged, and so far there is no intimation that a modification will be ordered. Output offers no complications, with the operation of plants running virtually automatic, with operating forces very small, so that it is easy to obtain the needed labor. What is causing concern arises from the advancing costs of materials, with transportation outlay also on the up-grade. So far no move has been made to return the industry to a competitive basis, leaving individual operators free to fix any price for acid they please, but it is regarded as likely that price fixing will end sooner or later.

Obituaries

George M. Deming

George M. Deming, chief research engineer for the Air Reduction Sales Company, Jersey City, N. J., died in Orange, N. J., March 17. He was fifty-three years old.

Maurice Falk

Maurice Falk, Pittsburgh industrialist, died in Miami Beach March 18. He was seventy-nine years old. Mr. Falk founded the Duquesne Reduction Company in 1893, and subsequently organized the Crown Chemical Company and the Federated Metals Corporation.

N. W. Shiarrella

Nicholas W. Shiarrella, oil producer, and a member of the National Crude Oil Industry Advisory Committee, died March 14 in Owensboro, Ky. He was forty-seven years old. A former member of the executive committee of the Independent Petroleum Association of America, Mr. Shiarrella also was formerly president of the Kentucky Oil and Gas Association and sole representative for Kentucky on the Interstate Oil Company Commission.

Eugene Chrystal, public relations counsel for Eastman Kodak Company, Rochester, N. Y., died in that city March 16. He was sixty years old.

Herbert H. Evans, a production engineer with the W. L. Maxson Corporation, electro-chemical engineers, New York, died in South Orange, N. J., March 17. He was fifty-seven years old.

John MacMillan, secretary of Pierce's Proprietaries, Inc., Buffalo, N. Y., died in that city on March 13.

Frederick C. Rowley, retired vice-president of the American Chicle Company, New York, died March 19 in that city.

Thomas J. Wynne, jr., of the New York sales staff of E. I. du Pont de Nemours & Co., Wilmington, Del., died in Bronxville, N. Y., March 14. He was forty-two years old.

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Ferro Drier Names Two Sales Agents

The Ferro Drier & Chemical Company, Dallas, Tex., has named Marshall Dill, San Francisco, as sales agent for the West Coast of the company's metallic soaps, driers and fungicides. The E. B. McCullough Company, Dallas, Tex., was named by the Ferro company as sales agents in the territory of Dallas, Fort Worth, Oklahoma, Arkansas and Northern Louisiana.

Marshall Dill

Royal Co. Elects Kovacs President

The Royal Manufacturing Company of Duquesne, manufacturing chemist, Brooklyn, N. Y., recently acquired by the Greater New York Industries, Inc., has elected Daniel Kovacs president. He was one of the founders, in 1907, of Royal's predecessor Saxon Products and Bugine Insecticides. Abraham Kamen, Samuel L. Sherman and Sidney L. Moyer were elected vice-presidents, with Mr. Kamen and Mr. Sherman to serve as secretary and treasurer, respectively.

Evans Chemetics Adds Ewald to Sales Staff

Evans Chemetics Inc., manufacturing chemists, New York, has added Richard D. Ewald to the sales staff in the chemicals division. A graduate of Amherst, Mr. Ewald has been associated in the past with Killian Research Laboratories, New York; G. D. Searle Company, pharmaceutical manufacturer, Chicago, and Westvaco Chlorine Products Company, New York.

Goodrich Names Freeman Works Laboratories Head

Leonard M. Freeman has been appointed manager of the newly-established works laboratories of the B. F. Goodrich Company, Akron, Ohio, which will handle technical service, development, and training of technical personnel. In the group are the general chemical laboratory, raw materials inspection and development department, and physical testing laboratories.

Chicago Chemical Buys RFC Plant for $400,000

The Chicago Chemical Company has purchased from the Reconstruction Finance Corporation for $400,000 the plant in Chicago it operated under lease during the war. The company will build a $300,000 addition which will double the plant's size.

Pittsburgh Glass Promotes Five in Paint Department

Promotion of five executives, and the appointment of a national account representative for the New York area, has been announced by the paint department of the Pittsburgh Plate Glass Company.

Joseph G. Thompson, jr., since 1940 supervisor of trade sales development at the company's Milwaukee plant, has been advanced to the position of assistant general paint manager. Fergus A. O'Connor, formerly supervisor of maintenance for painter sales, has been appointed supervisor of dealer sales. Nelson A. Mason, formerly supervisor of automotive, aircraft and graphic art sales, has been named supervisor of maintenance for painter sales.

Leonard W. McGarity, recently discharged from the navy, returns as supervisor of paint department sales to the company's stores, and Kenneth E. Whitekettle, discharged from the army, has been appointed supervisor of brush sales.

Harris E. Wainwright, for four years manager of the company's Manchester, N. H., unit, and for two years a salesman in the Boston district, has been named national account representative in New York.

Southern Research Institute Adds Four to Staff

Southern Research Institute, Birmingham, Ala., has named R. C. Johnson, recently of Purdue University, as research engineer, and added Helen Lawrence, Jane Frazier and Olivia S. Hutchison as research assistants in organic chemistry.

N.Y. Chemical Groups To Hold Joint Meeting

The Junior Chemical Engineers of New York and the American Institute of Chemical Engineers' New York section will hold a joint dinner-meeting in the King Arthur restaurant, New York, on April 4. The meeting will be highlighted by a question-and-answer session on "How to Develop Markets for Chemical Products."

GE to Build New Plant

The General Electric Company, Bridgeport, Conn., plans construction of a $2,000,000 plant at Wallingford, Conn., for the production of plastic molded parts. It is expected to be completed this year.

Hanson Eastern Agent For Nat'l Radiator Div.

Charles E. Hanson, for eleven years with the metals refining division of the Glidden Company, Chicago, has been named Eastern Seaboard representative for the plastics metal division of the National Radiator Company, Johnstown, Pa. J. Eugene Lindsay has rejoined the research department of the division, after four years in the Army.

General Aniline Shifts McKenzie in Ansco Div.

Garfield A. McKenzie, formerly assistant to the general manager of the Ansco division of General Aniline & Film Corporation, New York, has been named chief position analyst of the division.

Trade Briefs

Central Bag & Burlap Company, Chicago, has acquired the Sterling Bag Company, Brooklyn.

Stauffer Chemical Company, New York, is erecting a machine shop in Los Angeles at a cost of $35,000.

William Peterman, Inc., chemical manufacturer, Newark, N. J., has named Thomas H. Logan, jr., recently release das a captain from the army, to direct special sales of insecticides to the grocery trade.

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Nichols Heads New Westvaco Division

The Westvaco Chlorine Products Corporation, New York, has grouped all sales department technical affairs, including market development and technical service, into the technical sales division, and appointed William T. Nichols director of the new division.

For the past several years technical assistant to the executive vice-president, Mr. Nichols was for eight years in charge of research and product development at Westvaco's South Charleston plant.

William T. Nichols

K. W. Bayha will supervise market development work in the division; J. M. Smith will continue in charge of technical service; A. George Stern has been named head of the technical consulting service for the Pacific Coast, and J. M. Payne continues to head that service for the Midwest.

Corundum Allocation Controls Removed

OPD Washington Bureau

All controls on the allocation and use of corundum have been removed in line with the Civilian Production Administration's policy to eliminate restrictions on any material where supply and demand are in balance, the agency has announced. Corundum (aluminum oxide) controls were terminated through the revocation of the corundum order (M-89) today.

USI Names Ludlow Alcohol Sales Head

Alden R. Ludlow, jr., has been appointed manager of alcohol and chemical sales for U. S. Industrial Chemicals, Inc., New York. Mr. Ludlow, who started with the company's sales department in 1934, recently returned after more than three years in the air corps.

Joins Riches-Nelson

Frank Salmon, recently discharged after more than three years with the army, has joined the Riches-Nelson Company, manufacturer's representative, New York. Before entering the service he spent six years with the American Agricultural Company, New York.

Hercules Assigns Eight Sales Representatives

Eight technical sales representatives who recently returned to the Hercules Powder Company, Wilmington, Del., from the service or from ordnance plant work, have completed a three-month re-training course and have been assigned by the company's synthetics department to sales offices in six districts.

They are William Power and Judson Hurd, assigned to the New York office; Frank H. Crymes, San Francisco; George Osburn and Jordan P. Snyder, Chicago; William A. Woods, Boston; Charles Huhn, Wilmington, and Coleman Edgar, Cleveland.

Solvay Sales Opens Texas Office Under S. O. Taylor

Solvay Sales Corporation, New York, has opened an office in Houston, Tex., to cover the States of Texas, New Mexico and Arizona. S. O. Taylor, who was with the company's St. Louis branch for eleven years before the war, will head the new office. He was recently discharged as a colonel from the air corps.

Monsanto Aids St. Louis Rat Extermination Campaign

The Monsanto Chemical Company, St. Louis, will donate enough of its powerful new rodenticide, 1080, to exterminate the rats in that city, and will assign the company's technical staff to supervise its use. The offer to the city was made in conjunction with the campaign being planned to rid St. Louis of rats.

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2, 4—Dichlorophenoxyacetic Acid — Sodium Salt
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100 lb. Bags—(425) Bbls.
Plant shipment prompt,
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Andrews Co. Has New Blue Printing Process

The H. P. Andrews Paper Company, New York, and the Merrimac division of the Monsanto Chemical Company, St. Louis, have developed a new treatment for reproduction of blue printing and related processes. It is based on 'Syton,' a modified silica product of Monsanto, originally developed for use in treating textiles.

The companies claim the new treatment provides greater sharpness in lines, more fidelity in details, and a brighter color in blue prints and photo reproductions.

Lee Returns to Columbia Chemical Sales Staff

J. Calvin Lee, recently discharged as a captain in the army, has returned to the Columbia Chemical division of the Pittsburgh Plate Glass Company as representative in the Cincinnati area. He was with the division for four years before entering the service.

Carbide & Carbon Names Kinsey Works Manager

H. D. Kinsey, formerly general superintendent of the atomic energy plant operated for the government by the Carbide & Carbon Chemicals Corporation, New York, at Oak Ridge, Tenn., has been appointed works manager for the company. R. K. Turner, since 1940 superintendent of the company's South Charleston, W. Va., plant, has been appointed assistant works manager. He has been succeeded by T. R. Ragland, formerly assistant superintendent.

Trade Briefs

Durham Chemical Company, Los Angeles, has completed plans for the construction of a new factory in that city.

International Plastic Corporation, New York, has named W. T. Jones sales manager of its paper tape division.

Southern California Plating Company, Los Angeles, will construct an addition to its factory in that city, at a cost of $50,000.

Dow Corning Corporation, manufacturer of silicone rubber, Midland, Mich., is issuing a pamphlet entitled "Silastic Facts."

Allen Reagan of the Phelps Dodge Copper Products Corporation, New York has been named director of advertising and public relations.

Hungerford Plastics Corporation has been organized, with a plant in Murray Hill, N. J., Dan C. Hungerford is president and Jack Sandler vice-president.

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SODIUM NITRITE • POTASSIUM NITRATE
BORAX • BORIC ACID • AMMONIUM SULPHATE
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AQUA AMMONIA, 26°
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Our Technical Staff and Samples are available to you without obligation. Let us help you with your problems.

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Specifications Meeting

—Continued from page 7

search, tests and measurement work, and also to undertake simplification work upon request of industry. The recommendations have been accepted in large part.

Willis S. MacLeod, former head of the refining engineering and standardization division of the Standard Oil Company of New Jersey, and now deputy director in charge of the Standards Branch of the Procurement Division of the Treasury, reviewed some of the work ahead of the technical committees, in revising and simplifying federal specifications.

He said that there are approximately 9,500 federal specifications in existence today, and at the rate that these are now being reviewed, revised and simplified, there is at least sixteen months of steady work ahead of the committees. A great many of the specifications, he pointed out, grew up as a result of the war, and these all must now be reviewed in the light of peacetime needs.

Among the committees facing a most active period of work and some of the problems they are facing were listed by Mr. MacLeod as follows:—

Paint Committee:—This committee must consider a revision of existing specifications in the light of the newer types of resins becoming available; developments in corrosive resistant materials; advances made by industry in high-gloss water emulsions. Also the committee must decide in the light of the linseed oil supply situation whether to continue specifications permitting a low quantity of oil in the finished product or go to a mixture of a larger quantity of oil.

Plastics Committee:—This committee is facing the task of writing up many new specifications for various plastic products and revising existing specifications in the light of the great strides made by this industry during the war period.

Insecticides Committee:—New types of insecticides, fungicides and rodenticides, such as DDT and "1080" has cut out a path of heavy work for this committee.

Fuels and Lubricants Committee:—There is a necessity of revising specifications to be more definite in performance requirements.

He also mentioned committees working on specifications for wearing apparel, medical supplies, safety equipment, solid fuels, and electrical equipment.

Robert Elmore, recently released from the Navy, has rejoined the Research Institute of America and has been named director of advertising.

Feedstuff Makers

—Continued from page 3

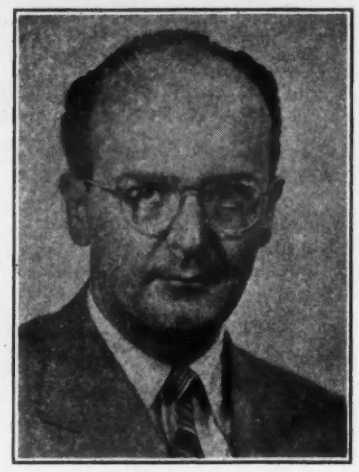
gram and as the industrial activity of the country gets operating at a faster pace. More than half of the government's stockpile of 75,000,000 gallons of alcohol already has been earmarked for the synthetic rubber program and probabilities are that this demand might be increased.

He said that he has been informed definitely that 39,000,000 gallons of the stockpiled alcohol will have to be released for the rubber program and had been advised informally that this figure might be increased to 46,000,000 gallons. Another 150,000,000 gallons of alcohol will be needed for other industrial uses, he stated.

Mr. Brown rejected suggestions that alcohol be rationed in order to save supplies, pointing out that even during the wartime control period it had been possible to save only but a small amount. He said that the answer to the problem of the feed producers of short supplies of grains and "sweetings" would be to halt the production of liquor entirely and cut back sharply on the amount of sugar available for soft drinks and confections.

Hall Laboratories Plans Stream Pollution Probe

Establishment of a special department to handle problems of industrial waste and stream pollution has been announced by Dr. R. E. Hall, director



Charles F. Hauck

of Hall Laboratories, Inc., consultant in conditioning of industrial waters. The new department will be headed by Charles F. Hauck, until recently engineer at Ravenna Ordnance Center, and previously, for five years, senior chemist and assistant to the superintendent of Southerly Sewage Treatment Plant, Cleveland.

Chemical Salesmen Hear Dr. Aries

A capital expenditure of over $1,000,000,000 will be made by the chemical and drug industries of the United States, during the next five years, Dr. Robert S. Aries, consulting engineer of Short Beach, Conn., said at the luncheon-meeting of the Salesmen's Association of the American Chemical Industry at the Hotel Roosevelt, New York, March 20. The total annual capital expenditures may go as high as $450,000,000 if artificial barriers to healthy expansion are completely abolished, he added.

Of the 3,000 chemical, drug and cosmetic plants in the United States, Dr. Aries declared, more than 40 percent are located in the East, 30 percent are in the Central States and 30 percent in the entire remaining United States. New chemical locations will be moving South and West, which have the raw materials necessary for manufacturing.

While the western half of the United States produces 50 percent of the nation's minerals and contains 70 percent of the timber, it supports only 21 percent of the population and accounts for only 11 percent of manufacturing, Dr. Aries said. Similarly, he said, the South, rich in soil, timber, hydroelectric power and chemical raw materials, contains only 25 percent of the population and accounts for only 10 percent of manufacturing.

The increase in the output of chemicals from 1939 to 1946 was about 125 percent, or from a value of $3,700,000 to $8,300,000, Dr. Aries said, while individual items in it, such as plastics, increased by 325 percent. The background and experience in wartime applications of chemicals and the accumulation of results of the experimental and service tests will pave the way for even broader industrial applications of chemicals, he believed. They serve every one of the seventy-two basic industry groups, making up a widely ramified and diverse market for chemical products, he said.

Trade Briefs

Crane Equipment & Supply Company, Waterbury, Conn., has opened a new office in Providence, R. I., under the management of Raymond L. Mitchell.

Palestic Inc. has been organized in Chicago, to handle the preparation and sales of the plastic gypsum recently announced by the Engineering Associates, St. Charles, Ill. A booklet discussing 'Palestic' and its preparation is available at the company's offices.

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Formates . . . aluminum, sodium, sodium boro-.

Metaphosphates . . . aluminum, ethyl.

Orthophosphates . . . ammonium, calcium, iron, magnesium, potassium, sodium.

Oxalates . . . calcium, sodium.

Phosphorus . . . (yellow).

Ferrophosphorus

Phosphorus Compounds . . . chlorides, pentoxide.

Pyrophosphates . . . calcium, sodium acid, sodium iron, tetrapotassium, tetrasodium.

Sulphates . . . magnesium, sodium aluminum.

VICTAWET 12

Description

Physical State . . . Liquid.

Color . . . Amber.

Specific Gravity . . . 1.121 (28° C).

pH . . . 4.7 (0.5% solution).

Analysis . . . 16.0% P_2O_5.

Surface Tension . . . 28.8 dynes/cm (0.2% solution at 29° C.)

Solubility . . . Insoluble in naphtha. Soluble in alcohols, acetone, toluene; milky solution in water; non-foaming.

Draves Test . . . 9.2 sec. at 0.6% conc.; 32 sec. at 0.2% conc. (in hard water).

Victor wetting agents have solved many problems where complete and rapid penetration is necessary. During the war years, difficulties encountered in the package dyeing of nylon cakes proved to be a serious bottleneck. Because of imperfect penetration, the nylon cakes were dyed in uneven and erratic shades. It was often necessary to unwind the yarn into skeins, re-dye, and then rewind the nylon. Any skeins which became snarled, meant a serious loss. Attempts to use ordinary wetting agents produced excessive foaming and did not solve the penetration problem.

Victor laboratories investigated the problem, and tests using many other well known wetting agents were conducted without success. Then a new Victor surface-active agent, Victawet 12, was tried. The results were so satisfactory that a series of plant runs in Franklin machines were made. The one pound nylon cakes showed thorough penetration of dyes with even, level shades. Additional runs proved Victawet 12 to be compatible with both acid and chrome dyes. The non-foaming characteristics of Victawet 12 speeded up the operation and it proved to be an excellent dye carrier as well as a penetrant.

Many other penetration problems have been solved with Victor surface-active agents. If you have a problem, think first of a phosphate from Victor.

VICTOR CHEMICAL WORKS

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NEW YORK, N. Y.; KANSAS CITY, MO.; ST. LOUIS, MO.; NASHVILLE, TENN.; GREENSBORO, N. C. PLANTS: NASHVILLE, TENN.; MT. PLEASANT, TENN.; CHICAGO HEIGHTS, ILL.

Textile and Leather Chemicals

An active demand for tanstuffs continued to feature the textile and leather chemicals market during the week. Business, however, was restricted because of the light offerings for shipment of most materials, with the exception of myrobalans. An advance in the price ceilings of quebracho extract was expected to be announced shortly by OPA, as the result of meeting held a week ago in Washington between members of the tanning materials committee and officials of the OPA when it was pointed out that owing to the higher cost of production at points of origin, producers had withdrawn from the market, and jeopardized receipts of replacements for nearby delivery. Wattle bark and extract were other materials difficult to obtain for shipment, and contracts for sizable quantities were in the market. A good inquiry was noted for divi divi, with supplies at producing centers reported heavily sold.

Trading in sizing materials continued light and spasmodic and was also affected by the scarcity of supplies. Production of all materials were in active request against previous contracts and there was little resale stock available.

Consumption of raw wool, on a scoured basis, during January, 1946, averaged 12,800,000 pounds per week which was about 11 percent more than the weekly average of 11,500,000 pounds consumed in December, 1945, according to the Bureau of the Census. Total consumption of raw wool for the period July, 1945-January, 1946, was 355,600,000 pounds, of which apparel class wool accounted for about 93 percent and carpet class wool for about 7 percent. Total consumption for the comparable period of 1944-1945 was 367,000,000 pounds.

Chemicals

Alumina Hydrate — Market was steady with good movement noted for prompt needs against former contracts. Prices were well held.

Bichromates—Trading was restricted by the scarcity of surplus supplies. Production was readily absorbed against contracts for delivery into consuming channels. Inquiry for export continued active, with moderate quantities allocated for shipment. Prices were firm at ceilings.

Sulphonated Oil—Demand was reported active for most grades. Scarcity of supplies, especially of fish and vegetable oils, continued to restrict business. A steady call was noted for sulphonated neatsfoot oil. Prices were well held.

Zinc Dust—In moderate call and firmly held at current levels. New business also fairly active.

Sizing Materials

Albumen, Blood—This market was steady, with demand moderate although consuming inquiry has improved for seasonal quantities. Production was adequate to meet present and nearby needs. Prices were unchanged. Soluble dried blood demand was fair.

Albumen, Egg—An active request continued to feature this market. Supplies were more liberal and readily absorbed at ceilings. Department of Agriculture announced the contemplated sales of 228 pounds of egg albumen, f.o.b. Schenectady, N. Y., and 1,495 pounds of flake egg albumen, f.o.b. Granite City, Ill., for technical use only. Offers of purchase must be received not later than midnight, March 26, by the poultry branch, Production and Marketing Administration, Department of Agriculture, Washington 25, D. C.

Dextrin, Corn—Urgent demand was noted for deliveries against former orders. Production has been stepped up and was close to capacity at the reopened plants of the leading processor. Market was firm at ceilings.

Egg Yolk—Business was moderate and mainly for immediate delivery. Supplies on the spot were fairly liberal and adequate to cover requirements. Prices were held at ceilings. Sales of inedible dried eggs, totaling 2,158 pounds, were made at 14c. per pound in barrels, f.o.b. Chicago and Kansas City, by the Department of Agriculture, February 28.

Starch, Corn—Withdrawals against contracts moved in larger volume since the resumption two weeks ago of production in three plants shut down by strikes. Demand continued to exceed the supply and new orders were accepted subject to delay in delivery. Visible corn supply decreased 1,110,000 bushels for the week ended March 16 to 24,182,000 bushels compared with 19,724,000 bushels a year ago. The corn grind of eleven refiners for domestic use amounted to 5,698,841 bushels during February, compared with 7,633,290 bushels in January and 10,431,342 bushels, February last year.

Starch, Potato—An active inquiry continued for nearby and forward delivery. Withdrawals against former orders also were in good request. Production was reported reduced in Idaho and Maine. Prices were firm at ceilings.

Tapioca Flour—Small lots of old crop flour from Brazil totaling close to 2,000 bags arrived at New York during the week and were delivered on previous contracts. The spot market was bare of supplies and prices merely nominal at ceilings.

Tanning Materials

Chestnut Extract—Conditions in this market remain firm under an urgent demand and limited supplies. Prices were maintained at ceilings.

Divi Divi—Supplies at primary centers were reported scanty and the market was firm and unchanged. Buying interest continued keen, but business was affected by the absence of offerings for shipment. Last sales heard were made on the basis of $71 to $72 per ton, ex-dock, for prompt shipment. Arrivals totaled 3,100 bags and 6,200 seroons at New York during the week.

Hematine Extract—Trading was moderate, mainly for prompt delivery. Prices were steady at ceilings.

Mangrove Bark—Inquiry for nearby delivery was fairly active during the week. Offerings for shipment were moderate and closely held at former levels. Imports from East Africa were liberal during the week, totaling 40,500 bags at New York for delivery on previous contracts.

Myrobalans—Trading was reported light, although supplies of materials were more readily available than other tanstuffs. Shipments were steady at former levels. J1, whole, were quoted at $56 to $57 per ton, ex-dock, and J2 at $51 per ton, same basis. Imports of crushed myrobalans totaled 415 bags and were consigned on prior orders.

Quebracho Extract—Owing to the higher producing cost at primary markets, producers withdrew offering for shipment at prevailing price ceilings. This condition was presented to OPA officials by the tanning materials advisory committee recently at a meeting held in Washington. Trade reports were that ceilings would be increased approximately 5/8c. to 3/4c. per pound. New order was expected to be issued shortly. Arrivals amounted to 22,820 bags at New York for delivery against former orders.

Wattle Bark—Extract and bark were the scarcest materials on the list. Unsatisfied orders were still in the market for nearby and forward shipment from Africa. Offerings were unavailable and market was firm at ceilings. Receipts of extract were noted at 9,960 bags and consigned on prior contracts.

Tara Powder—Arrivals of powder were reported at 275 bags and pods at 590 bags during the week, for delivery against previous orders. Stocks on the spot were scarce and quotations were merely nominal.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
288.5	288.5	299.4	279.7

(*For Current Prices see page 9*)

For Late Market Developments, See Page 4

ALBUMENS

★

WAR FOOD ADMINISTRATION ACHIEVEMENT "A" AWARD

★

PRESENTED TO THE MEN AND WOMEN OF H. GARTENBERG & COMPANY PLANT NO. 2 FOR THEIR OUTSTANDING RECORD IN THE PRODUCTION OF "FOOD FOR FREEDOM"

Liquid or Dried
ALBUMENS AND EGGS
in any form for every Industrial use
Write for Samples

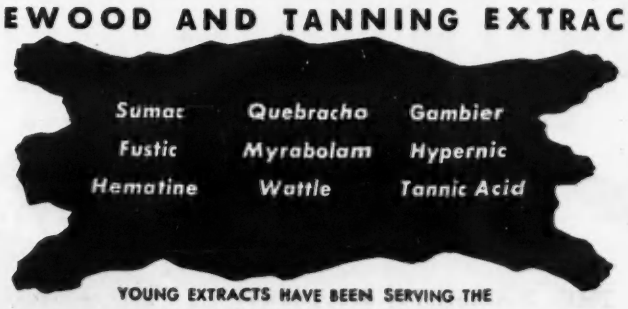
H. GARTENBERG & CO., Inc.
Largest Manufacturers of Technical Egg Products
412 W. Pershing Road Chicago, Illinois
Cable Address: "GARTEGG"

Natural Products Refining Co.
910 Garfield Avenue
Jersey City, N. J.
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLÉ, 205 Fulton St., NEW YORK 7
Telephones: COrtlandt 7-1460-1461 Cable Address "Fezan," N. Y.

ALUMINUM CHLORIDE
ANHYDROUS
PHOSGENE
(CARBONYL CHLORIDE)
NIAGARA CHLORINE PRODUCTS CO
LOCKPORT, NEW YORK

DYEWOOD AND TANNING EXTRACTS



YOUNG EXTRACTS HAVE BEEN SERVING THE INDUSTRY FOR MORE THAN 75 YEARS

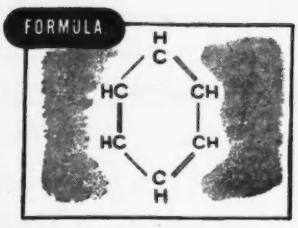
THE J. S. YOUNG COMPANY 2701 BOSTON ST. BALTIMORE 24, MD.
PATERSON, N. J. BOSTON, MASS. PHILADELPHIA, PA. CHICAGO, ILL.

BENZOL

DEFINITION: Benzol (Benzene) is the parent hydrocarbon of the aromatic compounds. It is the basic raw material for the synthesis of many organic chemicals.

HISTORY: Discovered in 1825 by Faraday in an oil obtained by compressing illuminating gas. Hofmann found it in coal-tar in 1845. The process of recovering benzol industrially was first developed by Charles Mansfield.

FORMULA



SOURCES: Benzol is obtained principally from the destructive distillation of coal. Most of the benzol produced in this operation is recovered by scrubbing coke-oven gas, while the balance is found in the portion of coal-tar that distills below 170°C.

CHARACTERISTICS: The pure product is a mobile, colorless liquid. It boils at 80.1°C., and crystallizes at 5.5°C. It is practically insoluble in water but mixes readily with ether, anhydrous alcohol, petroleum distillates and many organic liquids.

USES: A solvent for stains, coatings, and rubber cements; an essential raw material for the manufacture of dyes, tetryl and other explosives, synthetic rubber, phenol, aviation fuel, and D.D.T.

GRADES:

	Sp. Gr.	Boiling Range
Benzol, Nitration Pure	.882-.886	1°C max. incl. 80.1°C
Benzol, Industrial Pure	.875-.886	2°C max. incl. 80.1°C
Benzol, 90%	.870-.886	Start: Min. 78.2°C 90% Min. at 100°C
Thiophene-free Benzol	.882-.886	1°C max. incl. 80.1°C

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

Barrett

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.
ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Steel production scheduled at 88.9 percent reflects steady improvement in coke-oven production and a corresponding increase in the production of coke by-products. Stocks of the basic coaltar chemicals have not expanded greatly because distribution has been of broader dimensions in an effort to meet a more active demand. Shadows of the possibility of a coal strike next month have stimulated buying interest and there was a constant tendency to increase commitments. The position of benzol has improved with some limitation on quantities available for prompt shipment. Active buying of phenol forced a slightly tighter market condition while cresylic acid and xylol remained in exceedingly short supply. More creosote oil was made, but demand continued to exceed output by a wide margin. Toluol inventories looked as though they would last a long time at the current rate of demand. Considerable business is said to have been booked in many of the intermediates. This would insure rapid distribution of output at the expense of building up inventories.

Steel operations for the week beginning March 18 were scheduled at 88.9 percent of ingot capacity, compared with 83.6 percent in the previous week, according to the American Iron and Steel Institute. A month ago the indicated rate was 15.2 percent. The present schedule is equivalent to the production of 1,566,800 net tons of ingots and castings compared with 1,473,000 tons in the preceeding week and 1,730,900 tons for the corresponding week in 1945.

Basic Products

Benzol — Supply position has shown some improvement under better production. Prompt shipments were available for limited quantities. Buying interest remained active for both home and export requirements.

Creosote Oil—Production increased but taken readily against existing contracts held by wood-processors. Shipments remained behind schedule and no easement could be noted in tight market position.

Cresylic Acid—In exceedingly short supply with domestic production going steadily into channels reaching synthetic resins, varnish and tricresylphosphate. Importations have come in slowly, the week's arrivals amounting to 1,096 drums. This material was in heavy demand for pharmaceuticals, insecticides and disinfectants.

Naphthalene—Production has been of large dimensions without influencing any visible easement in the tight supply situation. Heavy demand for crude continued and there was also an active inquiry for refined chlorinated naphthalene waxes and plasticizers. The market position in refined was exceedingly tight.

Phenol—Broad consuming demand has prevented much improvement in the market position of synthetic while natural was definitely tight. Production showed about the same improvement as in other coaltar products.

Pyridin—Production so far has not had much important influence on building up supplies. Material was available with quantities limited for prompt shipment, but there seemed to be no excess inventories.

Toluol—Inventories have remained sufficient to meet demand promptly and according to trade reports, the supply situation will continue adequate for some time. The movement into consuming channels during the week did not appear very heavy.

Xylol—Did not improve its supply position. Current production was insufficient to meet demand for lacquers, synthetic enamels and varnishes and the same tight supply condition was noted.

Chicago, March 22.—Production has increased to meet a steadily improving demand. Stocks have continued short and price structure has continued firm but without change. Benzol held at 15c. per gallon in tankcars, freight allowed; 10-degree xylol, same basis, 29c.; industrial xylol, same basis, 26c.; 2-degree toluol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1 15½c. a gallon.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	129.2

(*For Current Prices see page 9*)

Hydrogenated Solvents

Inventories have been kept in a position to meet inquiries without unusual difficulty throughout the past month. Demand for solvent use in cellulose esters and several synthetic resins has continued fairly active. There has also been a good inquiry for dry cleaning and pharmaceutical uses.

Coaltar Acids

Anthranilic—Short stocks have kept this market in a tight position. Shipments to regular consumers have been of sufficient dimensions to absorb the major part of current production which places a limitation on the amount of additional material available.

Fumaric—As long as the heavy demand for synthetic resins continues, there is little prospect for improvement in buying conditions. The market was reported definitely tight.

Gamma — While gradual improvement is expected in the market situation, the low inventory position has placed a limitation on the amount of material available for prompt shipment.

Maleic—Most of the present production is said to be channeled to the makers of synthetic resins and protective coatings. Demand is ahead of supply and buying conditions continue exceedingly tight.

Tobias—Finding an outlet for the manufacture of certain red and bordeaux dyestuffs. Limited inventory position has contributed strength to the market's price structure.

Other Intermediates

Anilin—Better position of benzol has facilitated in the gradual restoration of output. Distribution progressed along broader lines without adding appreciably to inventories.

Anthraquinone—Inquiry for use in dyestuffs appeared to be increasing for the sublimed grade. The tight position in raw materials has prevented any unusual expansion in output.

Catechol—Found a somewhat better outlet through the settlement of labor disputes in some of the consuming industries. Supplies continued ample to meet inquiries on a prompt basis.

Phthalic Anhydride—Production is being restored with the availability of crude naphthalene the regulating influence. Demand was active for automobile and other finishes as well as for many ester-type plasticizers. Buying conditions remained tight throughout the week.

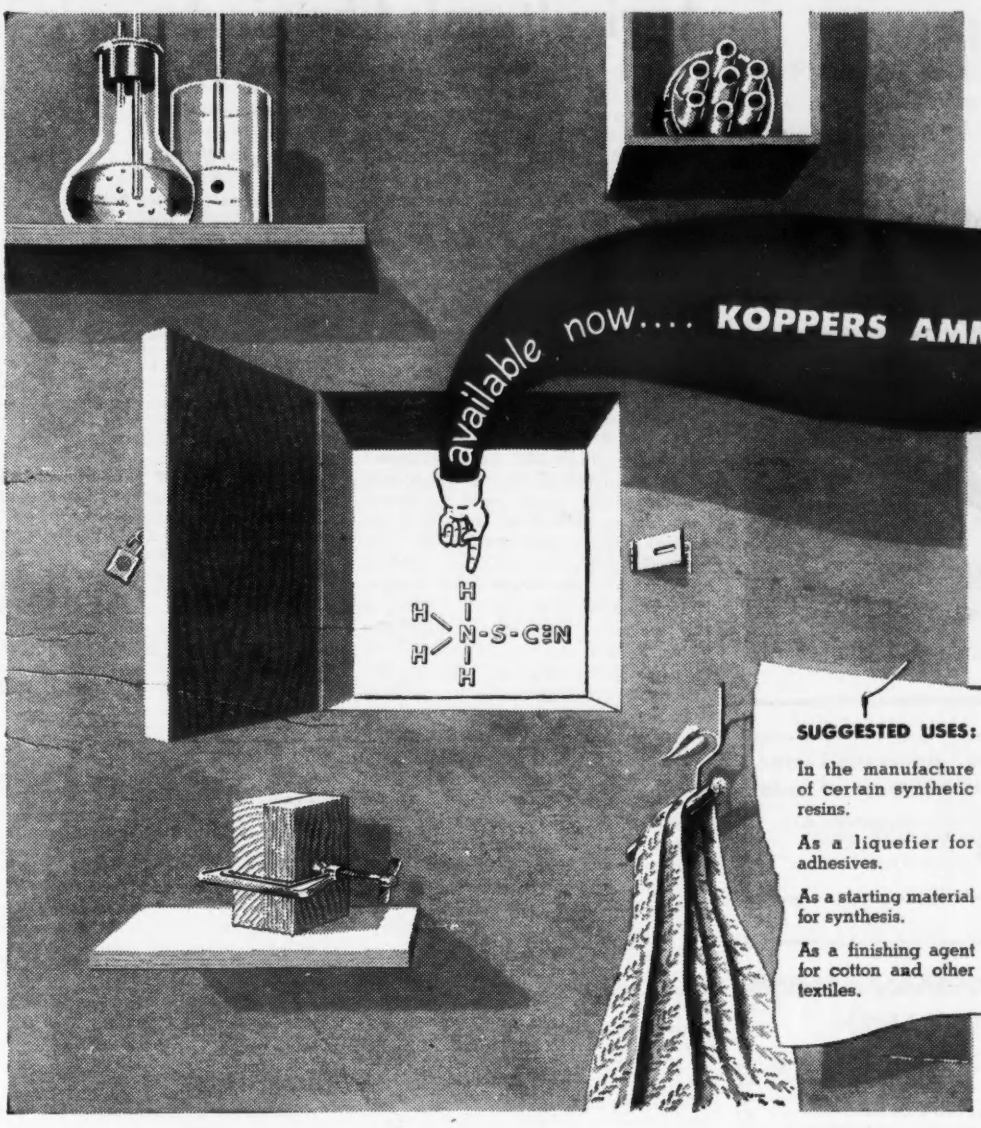
Paradichlorobenzol — Demand has kept considerably ahead of production which was interrupted by the recent steel strike. Current output is moving against existing contracts in an effort to match scheduled requirements. Meanwhile, the market is practically bare of additional offerings.

Resorcinol—Termination of strikes in various industries seems to have influenced a slight increase in the consuming inquiry. Inventories were capable of supplying demand promptly.

Coaltar Colors

Although production of dyestuffs has leaned toward expansion, the tight supply position of many essential intermediates has placed a limit on the extent of increase. Demand for color dyes has broadened during the month with domestic buyers showing a tendency to cover requirements well into the Summer months. Export demand remained active and only partially covered. Under such conditions it has been difficult to build up inventories and there was no evidence of excess stocks.

For Late Market Developments, See Page 4



(Ammonium sulfocyanide)

KOPPERS is in a position to ship technical grade ammonium thiocyanate crystals in commercial quantities or to supply test samples and information which will enable you to determine whether this material is suited to your processes.

SUGGESTED USES:

In the manufacture of certain synthetic resins.

As a liquefier for adhesives.

As a starting material for synthesis.

As a finishing agent for cotton and other textiles.

Properties	NH_4SCN
Molecular Weight (pure compound)	76.11
Melting Point, approx.	150°C
Boiling Point, decomposes at about	160°C
Specific Gravity at 20°/4°C, approx.	1.310
State: Light yellow to tan crystals, pure	95 to 98%

Solubility: The crystals are highly soluble in water: One hundred grams of water will dissolve approximately 125 grams of NH_4SCN at 0°C, 160 grams at 19°C, and 200 grams at 30°C.

KOPPERS COMPANY, INC., Tar & Chemical Division, Pittsburgh 19, Pa.

KOPPERS

THE INDUSTRY THAT SERVES ALL INDUSTRY

Trade Briefs

United States Steel Corporation's role in the war is told in a book, "Steel in the War," which has been made available to libraries throughout the country.

American Cyanamid & Chemical Corporation's specialty products division, New York, has published a booklet entitled "Iso-Beeswax—a Controlled, Uniform Emulsifying Agent for Creams."

T. L. W. Bailey, jr., formerly a fiber microscopist with the Department of Agriculture's Southern regional research laboratory, New Orleans, has been appointed to the staff of the Institute of Textile Technology as research microscopist.

John G. Remsen, formerly supervisor of chemical production for Burroughs Wellcome & Co., New York, has been named chief chemist for the Taylor-Reed Corporation, manufacturer of food products, Mamaroneck, N. Y.

Prices Current

—*Continued from page 31*

Zinc dust,[6] bbls., c.l., dlvd....lb.	.1035-	—
l.c.l., works.....lb.	.1135-	—
Fluoride, bbls.....lb.	.25 -	.30
Hydrosulphite, dms., works..lb.	.16 -	—
Iodide, NF, bots.....lb.	4.08 -	4.75
jars .....lb.	4.40 -	—
Laurate, bbls.....lb.	.32 -	.33
Metal,[1] (quotations in Protective Coatings market).		
Naphthenate, 8%-10% Zn, dms. lb.	.16 -	.19½
Oxide, pigment, dom., acicular, bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
American process, com'l, lead-free, bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
leaded, 5%, bgs., c.l., dlvd..lb.	.07½-	—
l.c.l., dlvd.....lb.	.07⅝-	—
35% or more, bgs., c.l., dlvd..lb.	.07 -	—
l.c.l., dlvd.....lb.	.07¼-	—
French process, com'l, lead-free, bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd.....lb.	.07½-	—
green seal, bgs., c.l., dlvd..lb.	.09 -	—
l.c.l., dlvd.....lb.	.09¼-	—
red seal, bgs., c.l., dlvd. lb.	.08¼-	—
l.c.l. .....lb.	.08⅝-	—
white seal, bgs., c.l., dlvd..lb.	.09¼-	—
l.c.l., dlvd.....lb.	.09⅝-	—
Zinc oxide, USP, ctns., c.l.....lb.	.10½-	—
l.c.l. .....lb.	.10⅝-	—
Zinc oxide Pac. Coast prices ½c. higher; bbl. prices ½c. higher than bgs.		
Resinate fused, 1% Zn. lump, dms..lb.	.11 -	.12
precipitated, 5.40% to 9% Zn, powd., dms..lb.	.14½-	.15
Silicofluoride, bbls.....lb.	.15 -	.16
Stearate, tech. ,ctns., c.l., frt. equald..lb.	.29 -	—
smaller lots, same basis.lb.	.30 -	.31
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l., works, frt. alld..100 lbs.	3.40 -	—
l.c.l., same basis....100 lbs.	4.15 -	—
flake, bgs., c.l., same basis 100 lbs.	3.80 -	—
l.c.l., same basis....100 lbs.	4.55 -	—
powd., bgs., c.l., same basis. 100 lbs.	5.35 -	—
l.c.l., same basis....100 lbs.	6.10 -	—
Zinc sulphate, in bbls., 25c. higher.		
Sulphide,[1] pure, bgs., c.l., dlvd. lb.	.08¼-	—
l.c.l., dlvd.....lb.	.08½-	—
bbls., c.l., dlvd.....lb.	.08¼-	—
l.c.l., dlvd.....lb.	.08⅝-	—
Barium pigment,[1] bgs., c.l., dlvd..lb.	.0560-	—
l.c.l., dlvd.....lb.	.0585-	—
Calcium pigment,[1] bgs., c.l., dlvd..lb.	.0560-	—
l.c.l., dlvd.....lb.	.0585-	—
Fluorescent pigment,[1] works, frt. alld..lb.	.90 -	1.00
Magnesium pigment,[1] bgs., c.l., dlvd..lb.	.05¾-	—
l.c.l., dlvd.....lb.	.06 -	—
Zinc sulphide and pigments, Pac. coast prices ½c. higher; bbl. prices ¼c. higher than bgs.		
Sulphocarbolate, NF, bbls., dms. lb.	.28 -	.30
Tallate, 5% Zn, dms.....lb.	.09¾-	—
Yellow (see Yellow, zinc).		
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.65 -	—
l.c.l., works.....100 lbs.	6.70 -	—
Zinc-cadmium sulphide, fluorescent, cns., works, frt. alld..lb.	2.00 -	2.60
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb.	.06 -	—
l.c.l., dlvd. E. of Rockies, lb.	.06¼-	—
Pac. cst.....lb.	.06½-	—
ex whse., Pac. cst....lb.	.07 -	—
Zirconium hydride, cns., works, lb.	7.00 -	8.00
Nitrate, kgs., works.....lb.	3.00 -	4.00
Oxide, crude, 90%, grd., 200 mesh, bbls., c.l., works.. ton.	95.00 -	—
white, 98-98½%, grd., kgs., works..lb.	.80 -	—

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for March 4.

You can depend on Bethlehem for

COAL CHEMICALS

BENZOL (nitration, industrial, and motors)

TOLUOL (nitration and industrial)

XYLOL (industrial)

CRUDE HEAVY SOLVENT NAPHTHA

CRUDE NAPHTHALENE

CRUDE PYRIDINE

Plants at Sparrows Point, Md.; Lackawanna, N. Y.; Bethlehem and Johnstown, Pa. Nearby points can be served by convenient tank-wagon delivery.

Other Bethlehem products for the chemical industry:

Forged pressure vessels • Chemical-plant equipment • Sheets • Alloy studs • Hot-forged nuts • Pipe • BethColite (hot-dipped tinplate) Electrolytic tinplate • Special-coated manufacturing terne plate • Black plate • Tool steel and small tools.

Address your inquiries to BETHLEHEM STEEL COMPANY, Bethlehem, Pa., or nearest District Office.

BETHLEHEM STEEL

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
MURIATE OF POTASH 49/53% K2O ALSO 50% K2O
MANURE SALTS 22% K2O MINIMUM
REG. U. S. PAT. OFF.
UNITED STATES POTASH COMPANY Incorporated
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Sulphate of Ammonia · Nitrogen Solutions · Ammonia Liquor
Anhydrous Ammonia · Arcadian* the American Nitrate of Soda
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET · NEW YORK 6, N.Y.
Barrett NITROGEN
HEADQUARTERS FOR AMERICAN-MADE NITROGEN
*Reg. U. S. Pat. Off.

SELECTED SPENT FULLERS EARTH
The Unexcelled Fertilizer Conditioner used by Leaders in the Industry
THE DICKERSON COMPANY
DREXEL BUILDING · · PHILADELPHIA 6, PA.

P.C.A.
the SALT of the EARTH
RED MURIATE
OF POTASH

BUSIEST and BIGGEST

This has been PCA's busiest year; also its biggest.

We're proud of our 44-45 record and of the growth this year has brought...proud too of the *three* white stars on our Army-Navy "E" flag, awarded for meritorious service. Also we're proud of our friends in the fertilizer industry. We say "thank you" for your confidence, your patronage, and the pleasant relationships we mutually enjoy. We pledge our best efforts to continue to deserve them.

Copyright 1945, Potash Company of America

POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE... 50 Broadway, New York, N. Y.
MIDWESTERN SALES OFFICE... 612 Lehman Building, Peoria, Ill.
SOUTHERN SALES OFFICE... Mortgage Guarantee Building, Atlanta, Ga.

Agricultural Chemicals

Fertilizer mixers have continued to call for full contract deliveries of basic products and in turn have experienced an unusually heavy demand for mixed fertilizer from farmers. New buying interest was active with short stocks holding down the actual volume of business. The overall supply situation has not improved and showed no evidence of betterment in time for this season's planting. Recommendations to place potash back under allocation control was a sign of the extent of demand over supply while conditions in ammonia sulphate, nitrate of soda and superphosphate were as bad if not worse than those prevailing in potash. Production of all basic materials has continued heavy and while plant capacity output has not always been on a maximum basis, labor difficulties and delays in replacing worn out machinery have been the primary factors in holding output down. Underneath the surface, it is apparent that domestic demand this season is about the greatest the industry has ever experienced and this has been augmented by an unusually active export inquiry. These combined influences have drained inventories and have resulted in definitely tight markets all around.

Fungicides and insecticides are commanding more attention. Supply prospects, while favorable for most items, have uncovered some tight spots. Uncertainty surrounds copper dusts and arsenic. There is a shortage of rotenone and stocks of nicotine sulphate will probably be considerably below buyers' requirements.

Nitrogenates

Ammonia Nitrate—Department of Commerce placed January production at 37,695 tons, compared with 39,929 tons in the preceding month.

Ammonia Sulphate—Inventory position exceedingly tight. Production increasing but considerably short of scheduled requirements. It was estimated that output had lost 124,000 tons through the recent steel strike.

Bone Meal—While there is a shortage of all grades of this material, the scarcity suitable for fertilizer is very pronounced. Current production is said to be materially under normal dimensions.

Castor Pomace—Market conditions have shown no improvement. Standing contracts have taken current production, leaving the market bare of supplies for additional requirements.

Dried Blood—Only occasional carlots of this material reached the market. Production of packing-house plant material was reported considerably under normal and far insufficient to meet the current extent of consuming demand.

Soda Nitrate—Market supply position has remained tight with demand exceedingly active. The overall situation is practically unchanged. Ships have been assigned for the importation of Chilean nitrate, and it looks as though March and April deliveries of imported material will meet their schedule.

Tankage—Demand for feeding requirements has continued to absorb the relatively small production at present. The supply situation continued tight and insufficient to meet current requirements. Importations during the week included 498 bags of tankage and 7,122 cakes of greaves.

Phosphates

Phosphate Rock—Tight with reserve stocks above ground drained, and acidulators receiving shipments from current production. Plans to increase output have been hindered by inability to secure construction material. In an effort to go ahead with expansion programs, relief has been asked from the Civilian Production Administration. CPA officials asserted that while it is not the general policy to grant further priorities assistance for non-military purposes, any manufacturer able to qualify may make application for a CC rating under Order PR-28. It was pointed out, however, that the requirements to qualify for a CC rating under this direction are difficult.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

(For Current Prices see page 9)

Superphosphate—Production of normal 18 percent superphosphate in January revealed a substantial gain, according to the Bureau of the Census. The total stood at 650,000 tons, with an additional 25,419 tons of 45 percent and 4,086 tons of 18 percent wet-base goods. December figures showed a revised total output of 593,594 tons of 18 percent, 23,484 tons of 45 percent, and 4,121 tons of 18 percent wet-base material. Stocks at the close of January were 813,837 tons of 18 percent, 35,663 tons of 45 percent, and 16,623 tons of 18 percent wet-base, compared with a revised total of 808,027 tons of 18 percent, 32,556 tons of 45 percent, and 15,577 tons of wet-base on December 31.

Potashes

Steady production has found an active outlet through existing contract channels and the market has remained practically bare of stocks for additional wants. It was stated that an insufficient supply of boxcars is being furnished potash producers. The Association of American Railroads asserts that every effort is being made to meet the demand. The presidential directive and ICC order on the movement of grain for shipment abroad appears to be the main contributing factor in keeping boxcars in short supply for other uses at present.

Insecticides

Restoration of production of coaltar insecticides seems to be improving the supply outlook with each successive week. The tight spots remain in rotenone, sabadilla, nicotine sulphate and arsenic. Copper sulphate at this time is uncertain, with the possibility of a shortage in copper dusts. On the favorable side are prospects for cryolite, DDT, sulphur, weed killers and hormones. Inquiries are increasing for agricultural use and steady expansion is expected as the warm weather period approaches. Washington authorities will recommend DDT as a spray for control of cranberry insects, at three quarters of a pound of DDT per 100 gallons of water, 300 to 500 gallons of spray per acre.

Brazil's exports of timbo root and powder in January-September, 1945, amounted to 133 metric tons, valued at $44,715, according to statistics of the Ministry of Finance. All shipments went to the United States.

Production of lead arsenate was higher in January, according to the Department of Commerce. The total registered 6,229,000 pounds, compared with 5,514,000 pounds in December.

Screwworms won't cause much trouble to stockmen this coming season, according to the Department of Agriculture. At the present time, it appears as if screwworm areas may have the lightest year since 1939. Adverse weather conditions appear to have killed all overwintering screwworms from Texas to Florida.

Sulphur and Pyrites

Favorable market conditions have permitted a free flow of sulphur to the major consuming industries. The indirect movement for agriculture has continued heavy and improvement is also noted in the demand for acid from the iron and steel industry. Increased production of paper has been reflected in a larger movement of sulphur to the paper mills. Pyrites has been channeled to regular consumers and inventories are generally low Prices are firm at former levels.

Markets at Other Centers

Los Angeles, March 22.—Demand for all fertilizer materials continued to make this market extremely tight. Short supplies limit activity. Prices have remained steady and unchanged.

For Late Market Developments, See Page 4

Petroleum Derivatives

Although affording further evidence of the willingness of the Government's price control agencies to furnish incentives for amplifying the production of scantily supplied petroleum derivatives with additional price relief, the announcement by the Office of Price Administration, this past week, of the long-awaited elevation of the ceiling prices on residual fuel oil and petroleum asphalt has not been regarded by the industry as an especially revolutionary move or even as an all-important development.

Even though this action was made nationwide in its scope and was accompanied by a two-months' extension of the recent advance in the authorized prices for kerosene and distillate fuel oil beyond the current expiration date of April 30, it has not found reflection in other departments of the industry. Nor has there been any reflex to the announcement that the overall advance of 10 cents per barrel in crude oil is to become effective March 29.

But intensified activity has been noted in many departments of the petroleum chemicals. Despite the delay in resumption of work in the General Motors plants caused by the union's insistence on "local autonomy" and the management's insistence upon the return of all workers before reopening them under the terms of the recently-reached strike settlement, while some of the auto tire manufacturers have not yet gotten their struck plants operating again, the demand for petroleum-based butyl rubber-making materials and methylethyl ketone is once more reaching large proportions with which to meet the mounting requirements of the automotive industry in synthetic rubber and nitrocellulose lacquer for body coatings.

Petroleum Chemicals

Allyl Alcohol—Demand and movement in this material are steadily reaching larger proportions under the buying operations of the synthetic resin and plastic manufacturers who are using it extensively in the production of allyl esters and ethers.

Allyl Chloride—In keen call from the makers of synthetic resins and plastics

Isobutyl Alcohol—Moving in constantly mounting volume into consuming channels.

Methylethyl Ketone—The buying movement in this material is leaping rapidly ahead, keeping pace with the constantly expanding requirements of the makers of nitrocellulose lacquer finishes for automobiles, refrigerators, radio receiving sets and other electrical equipment.

Methylamyl Alcohol—In steadily increasing request.

Petroleum Toluol—Continues in moderate demand and more than adequate supply.

Petroleum Xylol—Still in sufficient supply to meet all current requirements of the solvents makers.

Solvents and Diluents

Aromatic Solvents—A keen demand continues to be noted for all the high-solvency aromatics with petroleum xylol bases as well as for those made from petroleum toluol.

Cleaners' Naphtha—Still moving extensively into civilian channels but only scantily on military account.

Lacquer Diluent—Being taken by the lacquer manufacturers in steadily expanding volume.

Mineral Spirit—Buying interest continues sizable in this solvent material.

Rubber Solvent—Still being absorbed as rapidly as produced by the manufacturers of both natural and synthetic rubber.

Stoddard Solvent—Buying on civilian account continues to outstrip that for the military.

V. M. & P. Naphtha—Interest of the paint and varnish making industry is still keen in this solvent.

Lighter Fractions

Butane—Although supplies of this liquefied petroleum gas are becoming more liberal daily, they are still slightly below the total requirements of the home-heating and cooking consumers, industrial heat process users and the synthetic rubber and aviation gasoline producers, albeit the needs of the last-mentioned consumers have diminished considerably within the past three months.

Heptane—Still in moderate inquiry.

Hexane—Moving steadily in relatively small lots.

Octanes—Continue in fair demand.

Pentanes—Buying movement fast diminishing on all scores.

Propane—Dominated by conditions almost exactly similar to those prevailing in butane.

Markets at Other Centers

Chicago, March 21.—The liquefied petroleum gases are moving in this area, whenever material can be found to apply against requirements. Inquiry for virtually everything in this category is holding up well.

Los Angeles, March 21.—Buying interest in the liquefied petroleum gases continues keen, with supplies well maintained.

Petrolatums and Waxes

Microcrystalline Waxes — Demand continues to outstrip supply in these waxes, which are still moving in considerable volume into consuming channels without satisfying all requirements.

Paraffin—Needs of both domestic and export consumers continue far in excess of the current supply, so that producers are still unable to accumulate stocks of either crude scale or refined grades.

Petrolatums—Manufacturers of petroleum jelly continue hard put to it in filling all orders for U.S.P., veterinarian and technical grades promptly. Prices still firmly held.

White Mineral Oils—Being taken in considerable volume with prices well maintained throughout the lists of U.S.P. and technical grades.

Fuels and Lubricants

Crude Petroleum—Date of effectiveness of OPA's recently granted overall advance of 10 cents per barrel in prices of crude petroleum in all the oilfields in the United States has been announced as March 29.

Fuel Oil—OPA has acted to relieve the alarming shortage in bunker and other residual fuel oils by offering incentives for swelling production and to extend until June 30 the higher price ceilings recently granted for kerosene and distillate fuel oils. Relief from the alarming pinch in residual fuel oils, which had recently been worrying the Navy and War Shipping Administration, has been afforded by official granting of the long-awaited increase in their prices amounting to 21 cents per barrel, or a half-cent per gallon in all areas except the States of Washington, Oregon, California, Nevada and Arizona and in Hawaii, where the advance is limited to 15 cents per barrel. The extension of the recently authorized advance in the prices of kerosene and distillate fuel oils which carries this expiration date forward for two months beyond the originally slated date of April 30, or to June 30. Both these actions were accomplished by the adoption of amendment 42 to GMPR 88.

Because of the domestic shortage of distillate and residual fuel oils, the Department of Commerce's Office of International Trade has ordered that licenses for the exportation of these oils are to be valid only for a period of sixty days from date of issuance.

OPA has also authorized an advance in prices of tractor fuel oil amounting to a half-cent per gallon, and in petroleum asphalt by 21 cents per barrel everywhere except on the Pacific coast, where the increase is 15 cents per barrel, by the adoption of amendment 12 to GMPR 323.

Market Trends

Prices Advanced

Petroleum asphalt, nationwide, 21c. per bbl.
Residual fuel oil, nationwide, 21c. per lb.
Tractor fuel oil, ½c. per gal.

Prices Reduced

None

(For Current Prices see page 9)

For Late Market Developments, See Page 4

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Drugs and Fine Chemicals

Export demand was more than a moderate feature last week in the market for drugs and fine chemicals. From producers, brokers, commission men, agents, and sellers generally came the information that demand for export goods from this country was more than substantial in the instances of drugs and fine chemicals. It was very large and for the most part was being done at very satisfactory profits.

Domestic business was very good, although it had a routine quality. Consumer requirements of all sorts and varieties reached rather high totals and contributed strength to the overall market position. Shortages were not infrequent.

The glycerin situation was extremely tight but if the long term view of some government agencies proves correct the supplies of oils and fats are due to increase, which should mean more soap making and larger recovery of crude glycerin. Meanwhile, Great Britain is shipping refined glycerin to American makers of synthetic resins, while Australia sends some stocks of crude glycerin.

Quicksilver was firm at the advance scored late in the previous week and, since the situation as regards Spain has not improved, the chances of a long delay in restoration of Spanish quicksilver exports to the United States were none too good. Mercurials remained very firm.

Menthol went no higher but quoted prices held firm pending further developments in both Brazil and China. Codliver oil production is scoring excellent totals at all foreign production centers. Castor oil demand takes everything produced and calls loudly for more. Shanghai has yet to quote firm prices on the Formosan camphor recently held there for United States bids.

Acid, Acetylsalicyl'c—Foreign inquiries continue to be unavailing in this market because the producers' prospective output seems well engaged ahead for domestic consumer account.

Acid, Citric—Numerous consumers unable during the war to secure their citric acid requirements now show a tendency to drop the use of substitute because the available supply of citric acid has increased substantially enough to permit the growth of export plans.

Acid, Tartaric—The foreign raw material situation is still unsatisfactory. Costs remain high wherever raw material is produced and many normal sources of supply are still not shipping to the United States. No new developments re Spanish tartaric acid shipments to this country were noted last week. The idea with the major United Nations is that Franco and Falangicism must go. With Franco, the idea is that all is sweetness and light under the Falangist government. What this country needs is more raw material at lower cost to make increased production of tartaric acid possible as well as cheaper.

Alcohol—The outlook is for a steadily increasing civilian consumption of alcohol the production of which is hampered by insufficient raw material and the supply of which even now meets consuming requirements only by grace of a government strategic stockpile.

Amyl Acetate—The delivery position has improved and a generally more satisfactory situation prevails for normal civilian uses. Prices appeared to be steady.

Argols—An arrival of 577 bags from Buenos Aires, Argentina, was noted last week. South America remains the steadiest source from which arrivals come but of late European shipments have also been noted more frequently.

Atropine—The article remains on the scarce side and those actually able to make delivery show some disposition toward reserve as regards the market position as a whole. Numerous former suppliers are unable to offer anything.

Caffeine—According to import data compiled by the Department of Commerce and covering arrivals in November last, 42,240 pounds then landed were 40 percent greater than such imports from Brazil and Mexico in October. The November import was Brazilian caffeine.

Market Trends

Prices Advanced

Quicksilver, $2 per flask.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
209.3	209.2	205.8	227.7

(For Current Prices see page 9)

Camphor—Shanghai operators recently offering substantial export quantities of Formosan camphor tablets and powder to the United States have yet to set a prices. They have been requested so to do but it is quite clear that Shanghai is seeking information as to what the market is here before setting an export price on the camphor available.

Castor Oil—Oil continued in high request and production appeared to be directed almost totally to cutting down the backlog of orders. Arrivals of castor beans totaled 510,000 pounds—the smallest in many weeks. The total since January 1 is now 56,228,250 pounds, which compares with 47,152,400 pounds arrived during the corresponding period in 1945.

Chicago, March 19—Castor oil prices are:—Cold pressed, U.S.P., 15c. per pound, returnable drums, carlots; 15¾c., drums, less than carlots; tanks, 14¼c.; No. 3, extracted, 14¾c., drums, carlots; 15c., drums, less than carlots; 14c., tanks.

Cocoa Butter—All butter arriving here is declared sold prior to its being unloaded from Southern points. There is real scarcity of domestic butter. All sales are at ceiling limits—if not at higher rates occasionally.

Codliver Oil—Values hold well because additions to available supplies, although large in size, represent costs which make spot quotations definitely in line and which prevent shading of established levels. Later on, this situation may change if foreign price controls are compelled, by heavy stocks, to reduce official quotations. An arrival of 554 parcels from St. John's, Newfoundland, was noted last week. United States production last November was 85,000 pounds, according to the Department of Commerce.

Emetine Hydrochloride—The latest import data covers arrivals last November and the Department of Commerce says that in that month 55 pounds were imported from Brazil. The last previous import was 55 pounds in September.

Fishliver Oils—Six parcels of sharkliver oil reached here from Havana, Cuba, last week. Latest production data for the United States is for November, 1945, and the Department of Commerce sets the figure at 316,000 pounds. The Department also says that while production was down in November, imports jumped 270 percent, aiding the stockpile materially.

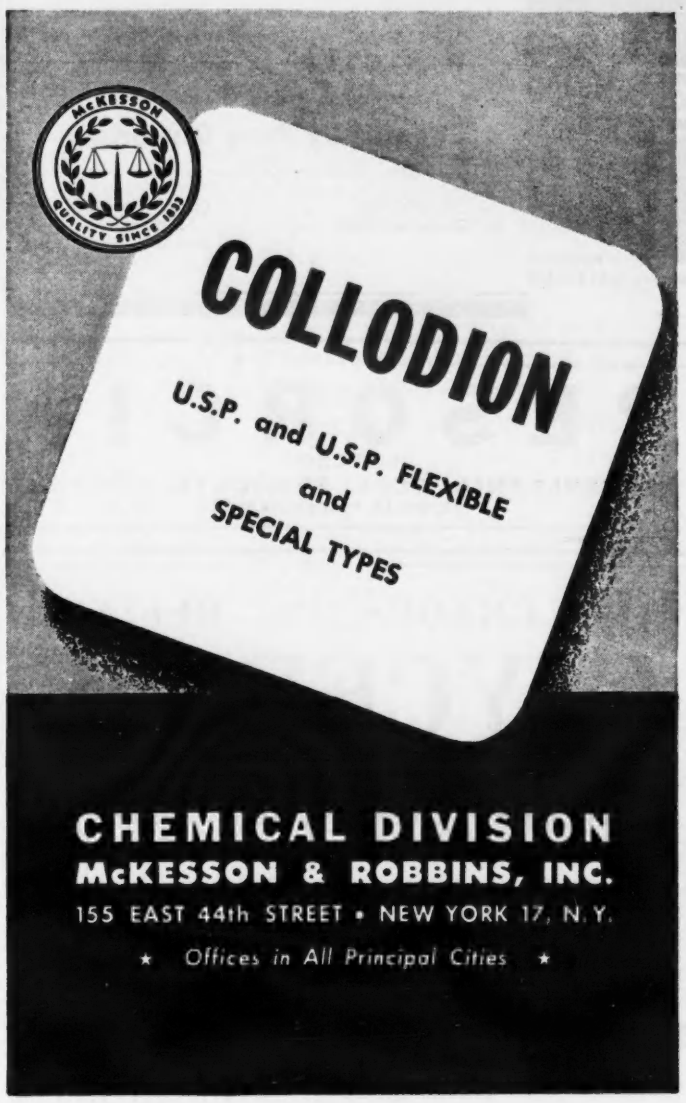
San Francisco, March 20.—Little activity was noted in this market the past week. All potencies are in active demand, but supplies remain short.

Glycerin—The seriousness of supply shortage in refined glycerin is emphasized by the importations of refined material from points substantially distant from New York. Ordinarily, the United States can care for all its home requirements but right now these imports can find a market. It is especially notable because foreign soap makers are supposed to find it almost impossible to get the oils and fats they need—and no soap means no crude glycerin for recovery abroad. Yet, the glycerin is coming in and it is reported as being refined. Glycerin comes from points as far distant and apart as Great Britain and Australia.

Chicago, March 20.—Glycerin prices are:—C.p., tanks, 18c.; drums, c.l., 18¼c.; l.c.l., 18¾c.; high gravity, tanks, 17½c. to 18c.; drums, c.l., 17½c. to 18c.; l.c.l., 18c. to 18¾c. Chemically pure, 18c. per pound, tankcars; 18¼c., drums, carlots; 18¾c., drums, less than carlots.

Hyoscine Hydrobromide—According to the Department of Commerce, seven

For Late Market Developments, See Page 4



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Retires from Merrell

Lee Wiltsee has retired as vice-president and treasurer of the Wm. S. Merrell Company, pharmaceutical manufacturer, Cincinnati, after fifty-two years of service. He will continue as a director of the company.

pounds were imported last November—the quantity being the same as that in October. The goods reached here by parcel post from Australia. Normal suppliers in this country have offered little for a long time.

Menthol—Prices held steady. However, some resistance to further rise has developed and since spot demand is none too active at the moment, the power that produced the recent price advances has been reduced considerably. Nothing further has been heard regarding firm offerings of Chinese menthol.

Mercurials—Holding very steady. The firmer raw material market was also supported by a very well maintained flow of orders for derivatives. Not much price competition is possible now.

Quicksilver—The spot market was $104 to $109 per flask throughout the past week. Pronounced tightening of views appeared to reflect the fact that applications of economic sanctions against Spain would end all chance for exports of Spanish quicksilver being resumed. Such an event would strengthen domestic metal that even now shows signs of prompt readjustment to the foreign situation.

San Francisco, March 20.—Interest in the quicksilver market here this week was well maintained. Spot metal was scarce. Producers were quoting metal between $104 and $105 per flask, f.o.b. this city.

Quinidine—November, 1945, importations totaled 30,720 ounces from Bolivia, according to the Department of Commerce.

Quinine—According to the Department of Commerce, importations of derivatives from cinchona bark last November totaled 59,072 ounces from Peru. It was a gain of 124 percent over the preceding month's receipts from Ecuador, said the department.

Sulphonamides—The Department of Commerce provides some data concerning exports of sulpha drugs. In the period January-November, 1945, such exports were:—

	Pounds	
	Jan.-Oct.	Nov.
Sulphanilamide	331,831	50,035
Sulphathiazole	476,658	88,606
Sulphadiazine	354,610	37,308
Sulphaguanidine	86,643	10,163
Other sulphas	147,961	14,825
Total	1,397,673	221,027

Exports in November were 42 percent larger than October.

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Named Sales Manager

W. H. Mysch has been appointed sales manager for the National Drug Company, Philadelphia. Prior to his joining National, he was sales manager for Specific Pharmaceuticals, Inc., New York.

Synthetic Organic Chemicals Report Issued

OPD Washington Bureau

A report on the production and sales of synthetic organic chemicals during 1941-43 has been issued by the tariff commission. During each of these years the Commission issued preliminary reports containing statistics on synthetic organic chemicals that could be published without disclosing information that might be of particular value to the enemy.

The current report contains the statistics covered in the preliminary reports and, in addition, the information withheld during the war. It also includes a directory of manufacturers giving the names of producers of over 4,500 different chemicals listed in the report. Copies of the report may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at 30 cents per copy.

Winthrop Names Sowersby Chain Store Sales Head

Winford E. Sowersby has been appointed manager of the newly created chain-store sales division of Winthrop Chemical, New York. A graduate of Columbia University's College of Pharmacy, Mr. Sowersby has been associated with Winthrop since 1930.

Sugar Quota Rises 10% for Drug Trade

Drugs and pharmaceuticals manufacturers have been granted a sugar quota of 120 percent of the base period for the April-June allotment period by the Office of Price Administration. This is an increase of 10 percentage points over the allotment for the current quarter.

The new sugar allowances become effective March 15 since the OPA begins issuing ration checks to institutional users 15 days before the beginning of each quarter.

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Phillips to Build Plant at Gulfport

The Charles H. Phillips Company, division of the Sterling Drug, Inc., New York, plans a $1,000,000 program of plant improvement and new construction to provide additional manufacturing facilities. A new plant will be erected at Gulfport, Miss., at a cost of $700,000 to serve the Southern States and Central and South America. Work has already started on a $300,000 addition to the company's present plant at Glenbrook, Conn.

Bristol Laboratories Names Dalby Assistant Sales Head

Bristol Laboratories Inc., Syracuse, N. Y., has promoted Richard C. Dalby to assistant sales manager and named Charles H. Townsend and Thomas Rylands as divisional managers. Mr. Townsend was assigned to the northeast seaboard area, which runs from New England to Maryland, and Mr. Rylands will serve in the Central West.

Trade Briefs

Endocrene Products Laboratories, Los Angeles, will construct a new office and laboratory building in that city, at a cost of $12,500.

Governor Thomas E. Dewey has proposed to the New York State legislature a new public health program to cost $14,000,000 annually.

Bristol-Myers Company, pharmaceutical manufacturer, New York, has been awarded a citation of distinguished merit by the National Conference of Christians and Jews, for its radio program, "Mr. District Attorney."

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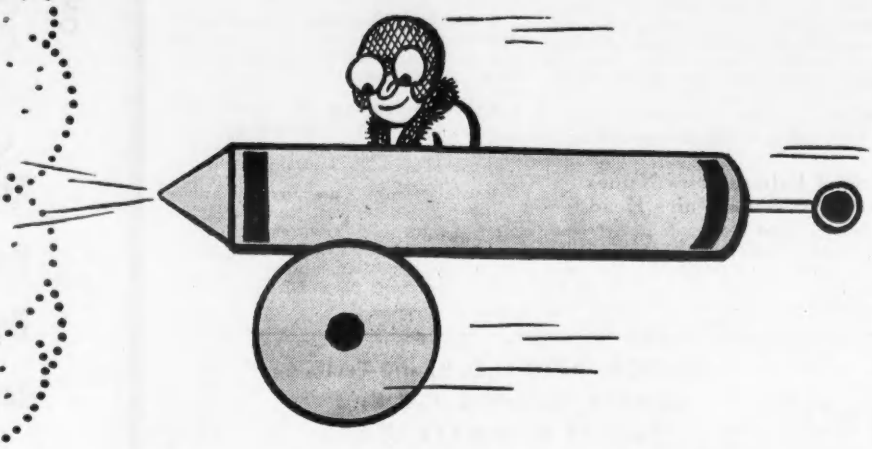

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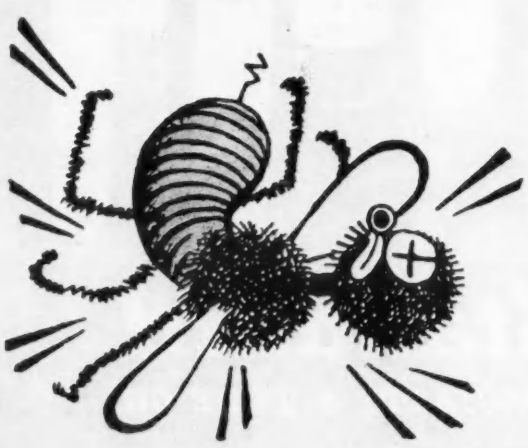

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Botanical Drugs, Spices, Gums

Spring business was reported active and expanded in the botanical market last week. Specialties came in for exceptionally steady demand and with most stocks conservative in size, a strengthening of price undertones was noted.

In fact, most botanical drugs in the medicinal category were items of considerable strength. Replacement borage flowers were in hand and sold at a rise over the last price paid. Recently unavailable cocillana bark was in hand once more, but only at an advance. Goldenseal was specially scarce and to a substantial extent the market quoted was nominal and subject to confirmation. Spanish saffron was also out of stock, locally; at least unfilled orders were numerous at the close of the period. No Belgian valerian was obtainable and Indian root fetched a corresponding advance in price since that was the only article to be had promptly.

In the condimental line, the Office of Price Administration at last raised black and white pepper price ceilings as of March 15. A rise in grinders' ceilings was reported in the making. Furthermore, the trade had real faith that other spice ceilings were about to be raised.

Condimental seeds displayed a downward trend in prices, lower levels coming in caraway, coriander, cumin, dill, and poppy seed. Competition at declining prices was also noted in Portuguese laurel and rosemary leaves, and also in Spanish rosemary and savory.

Some recent arrivals of colombo and doggrass root, and also of strophanthus seed have turned the market easier on these articles and during the period under review, quotations were shaded. The decline, however, was not expected to be extended.

Balsams

Copaiba—Demand was rather light last week but within jobbing dimensions the total of trade was fairly satisfactory. Prices held firm.

Fir—High volume consumption of Canadian balsam tapered off with the curtailment of requirements of optical manufacturers. The present market holds very steady but demand last week was light.

Barks

Cocillana—An arrival of bark totalling 184 bales restored this article to local stocks that became available at 60c. to 61c. per pound—which had been its recent to-arrive price. This bark will find its major use in another consuming season.

Cramp—Little is being carried over into the new collection season and it remains to be demonstrated that relatively high prices to collectors will entice more workers to gather the item.

Elm—Some very good business is due for export since foreign consumers have indicated requirements that appear to be substantial in size. Collection cost is apt to range high.

Beans

Vanilla—A fairly substantial arrival of beans came from Madagascar last week. A total of 800 cases came to this market—a very firm market, by the way. Much of the material had been engaged for consumer distribution some time back and it was declared that little of it would go unsold into warehouse stocks of dealers. Arrival of 70 cases of Mexican beans was also noted.

Berries

Cubeb—Still among the missing on spot; no shipments from the Far Eastern primary market have reached here.

Juniper—Sellers look for an increase of exports from Europe but there is some reason to expect that at least some control of the market will be held by Russian sources close to if not actually in charge of the collection areas in some countries.

Market Trends

Prices Advanced

Drugs

Borage flowers, 10c. per lb.
Cocillana bark, 10c. per lb.
Goldenseal root, whole, 25c. per lb.
powdered, 25c. per lb.
Saffron, Spanish, $1 per lb.
Valerian root, Indian, 8c. per lb.

Other Articles

Pepper, black, 5c. per lb.
white, 39c. per lb.

Prices Reduced

Drugs

Colombo root, 3c. per lb.
Doggrass root, N. F., 2c. per lb.
Strophantus seed, Kombi, 25c. per lb.

Other Articles

Caraway seed, Danish, futures, 4c. per lb.
Dutch, futures, 2c. per lb.
Coriander seed, Argentine, 1c. per lb.
Peru, ½c. per lb.
Cumin seed, Indian, futures, ½c. per lb.
Dillseed, dewhiskered, ¼c. per lb.
Laurel leaves, Portuguese, fair, 1½c. per lb.
good, ½c. per lb.
Poppy seed, Danish, ½c. per lb.
Dutch, ½c. per lb.
Rosemary leaves, Portuguese, 2½c. per lb.
Spanish, ¾c. per lb.
Savory, Spanish, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
281.9	279.4	277.0	235.6

(*For Current Prices see page 9*)

Flowers

Borage—Goods recently available only in a to-arrive position became actually spot. Consumers were offered prompt deliveries at 60c. to 62c. per pound.

Rose—In addition to the already substantial spot supply of pale flowers, 250 bags reached here from foreign parts without breaking prices under 45c. per pound.

Rosemary—The market was one of normal activity but quotations still persisted at $1.55 per pound, though supplies were short.

Saffron—Spanish flowers were virtually unobtainable on spot following sales at $42 per pound. Firm orders in hand went unfilled toward the end of the week. An arrival of 12 bags of Mexican flowers from Vera Cruz was noted.

Gums

Guaiac—Stocks of this gum increased to the extent of 20 bags and values failed to weaken under the betterment in supply. Demand was mainly of jobbing sort.

Locust Bean—Further arrivals totaled 100 bags. The market remained steady and demand of routine sort was productive of very good volume.

Mastic—An arrival from the primary market was reported last week—probably one of the first since the end of the war. The goods came from Piraeus but originated on the island of Chios and totaled 20 cases. At least 15 cases had been sold into consumption prior to arrival.

Storax — From Istanbul, Turkey, came 24 cases of this gum last week.

Herbs and Leaves

Buchu—The first reported arrivals over a long period of time totaled 112 bales of oval leaves from Capetown, South Africa, together with 142 bales of short leaves. Costs in the primary market made for maintenance spot prices, temporarily at least.

Laurel—The Commodity Credit Corporation offers 11,024 pounds of this item, now at Seattle, Wash. Good Portuguese leaves were shaded to 14c. to 14½c.; fair, 12c. to 12½c.

Rosemary—Spanish leaves were cheaper at 13c. to 13½c. per pound, while for Portuguese the market was shaded to 8½c. to 9c.

Sage—Genuine Dalmatian sage is due for arrival on this market soon and the to arrive price is 30c. to 31c. per pound. It would appear that the days of California Dalmatian-type leaves at 85c. per pound are numbered.

Savory—Spanish flowers were in more competitive position and sales went through at the lower level at 22c. to 22½c. per pound.

Late Market Developments, See Page 4

GOOD NEWS
begins to multiply

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Miscellaneous

Cantharides—Report has told of sales as high as $7.50 per pound, but it seems almost impossible that anyone should pay anything like such a price. However, total absence from the market for years may reduce buyers' resistence to "highness" in price.

Ergot—More goods came in from Lisbon—it was 80 cases that came to a market low in stocks because so much of recently arriving merchandise has been found unfit for use on examination by the Food and Drug Administration.

Roots

Colombo—From Zanzibar came 32 bags of this item last week and goods on spot were available at the lower price of 14c. to 15c. per pound.

Doggrass—N. F., quality of this root was slightly lower at 48c. to 50c. per pound, depending on seller. Ordinary quality of domestic bark was around 30c. to 35c.

Goldenseal — Quoted prices were higher at $8.75 to $9 per pound or whole and $9.25 to $9.50 for powder—although one quarter might still sell regular customers for 25c. less per pound. The fact was that the article was extremely scarce and quotations were close to being purely nominal.

Jalap—Stocks were increased by an arrival of 120 bags from Vera Cruz, Mex., and values were unaffected by the moderate addition to the conservative spot reserve. Demand was good.

Valerian—Indian root was higher at 60c. to 65c. per pound. No Belgian root was available on spot, but some was coming forward.

Seeds

Caraway—The whole market was soft and values held but one tendency —downward. Spanish was down to 46c. to 47c. per pound and Dutch futures were off to 50c. to 51c. All other varieties were objects of price shading on firm orders.

Celery—Shipment and afloat prices were higher at 23¾c. to 24¼c. per pound, and although spot goods were supposed to stand still at 23c. to 23½c. per pound, some doubt existed regarding the matter of actually getting a prompt delivery at less than the replacement quotations.

Coriander — Argentine seed ranged 7c. to 8c. per pound, being lower and prevailing according to seller and quality. Peruvian seed was down to 8¼c. to 8¾c.

Cumin—Indian seed in future arrival position was shaded to 34c. to 35c. per pound.

Dill—Dewhiskered seed was slightly lower at 9¼c. to 9¾c. per pound. Natural and decorticated seed showed unchanged position.

Mustard—An importation of 4,494 bags of seed from Copenhagen, Denmark, was reported last week. And not long ago Denmark was saying no seed was available there. Prices on Montana oriental seed were slightly lower at 11½c. to 12c. per pound.

Poppy—Dutch seed was shaded to 39c. to 39½c. per pound. Danish on spot was down to 37½c. to 38c., and during the week 161 bags arrived here from Copenhagen. Also, 17 bags from Gothenburg, Sweden.

Strophanthus — Kombi seed was much lower at $2.40 to $2.45 per pound, a reduction that was in line with the lower prices at which the replacement lot was bought in the primary market.

Spices

Allspice—The word current locally was that no more seed was available in Mexico at this time. The market was 17½c. per pound, nominally.

Cassia—Establishment of new ceiling prices is a development confidently expected of the Office of Price Administration and devoutedly wished by importers. Something was said even now to be "on the fire."

Pepper—The Office of Price Administration as of March 15 raised the official ceiling on black pepper to 15c. per pound minimum; and on white pepper, it went to 23c. These prices try. The prices, according to quantity, will prevail as follows:—15 tons, applied at the New York port of en- 15c. to 15½c. per pound plus charges; 50 to 100 bags, 15¾c. to 16¼c.; 25 to 49 bags, 16¼c. to 16½c.; 5 to 24 bags, 16½c. to 17c. For some unknown reason, no printed and official announcement of this development has come to hand at this time. It was thought that the "official" was being held up until OPA could establish higher ceilings for grinders.

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Prunes	2 lbs.
Water	5 pints

Boil 15 Minutes, Strain, Add:

White Sugar	5 lbs.
Fluid Extract of Cascara, Aromatic	1 pint
Aqueous Extract of Senna	1 pint
Lemon Essence	4 ozs.
Saccharin	1 dram
Water to Make	1½ gals.

The Prunella Laxative

Is a pleasant combination of Prunes, Cascara, Senna, &c, &c. Acts gently on Liver, Stomach, and Bowels. A pleasant laxative for young and old. Price, 35c a bottle. *Lyons Drug Co., 1906.*

(*To be continued*)

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TRADE MARK

Recent Imports

—Continued from page 4

OIL, CLOVE—46 dms, Givaudan-Delawanna; 47 dms, Dodge & Olcott Co; 20 dms, Magnus, Mabee & Reynard; 50 dms, Trubek Laboratories; 19 dms, Otto Gerdau Co; 106 dms, Chase National Bank & Trust Co
COD—47 dms, National Oil Product Co
CODLIVER—70 dms, Whitmoyer Laboratories; 40 cks, Whitmoyer Laboratories; 444 dms, Scandinavian Oil Co
CYMBARUM—9 dms, W J Bush & Co; 46 dms, Consumers Import Co; 45 dms, Dodge & Olcott Co
EUCALYPTUS—5 dms, 2,470 lbs, W J Bush & Co
FUEL—58,146 bbls, Standard Oil Co of N J
GERANIUM—24 dms, Norda Essential Oil & Chemical Co
LEMONGRASS—2 dms, Orbis Product Corp; 2 dms, Norda Essential Oil & Chemical Co; 5 dms, Geo Lueders & Co; 6 dms, Dodge & Olcott Co
LIME—1 dm, Citrus & Allied Essential Oil Co; 1 dm, S B Penick & Co
LINSEED—2,595,046 lbs, United States Commercial Co
ORANGE BITTER—10 dms, Citrus & Allied Essential Oil Co; 1 cs, Citrus & Allied Essential Oil Co
PIMENTO LEAF—2 dms, W J Bush & Co
SHARK—4 dms, Cuban American Product Co; 2 bbls, Cuban American Product Co
VETIVER—30 dms, Norda Essential Oil & Chemical Co; 1 dm, Dodge & Olcott Co; 2 dms, Ungerer & Co; 1 dm, Geo Lueders & Co
YLANG-YLANG—3 dms, A Chiris Co; 4 dms, Phil Chaleyer; 48 dms, Norda Essential Oil & Chemical Co; 1 bbl, Norda Essential Oil & Chemical Co; 1 kg, Norda Essential Oil & Chemical Co; 2 dms, Florasynth Laboratory; 2 dms, W J Bush & Co; 8 dms, Lautier Fils; 6 kgs, Otto Gerdau Co; 2 dms, Otto Gerdau Co; 11 dms, United States Rubber Co
ORANGE PEEL—550 bgs, Peck & Velsor; 250 bgs, W M Allison & Co; 150 bgs, J L Hopkins & Co; 200 bgs, W & A Leaman; 729 bgs, Charles Happel Co
PAINT—12 dms, Asiatic Petroleum Corp
PAPAIN—63 cs, American Ferment Co; 154 cs, Matheson & Co
PAPRIKA—100 bgs, Victor M Colderon
PEPPER—200 bgs, Joensson & Cross
PIMENTO—65 bgs, Knickerbocker Mills Co; 300 bgs, A G Dunn; 16 bgs, American Union Transport Co, Inc; 158 bgs, Balfour, Guthrie & Co; 80 bgs, Geo Lueders & Co; 800 bgs, American Express Co
PETROLEUM, CRUDE—311,570 bbls, Gulf Oil Corp; 111,013 bbls, Imperial Oil, Ltd
POPPYSEED—87 bgs, 9,746 lbs, W Scarlett & Co; 74 bgs, 10,986 lbs, Marine Midland Trust Co; 17 bgs, 3,399 lbs, Von Norden & Archibald
POTASH, CHLORATE—300 cs, 38,412 lbs, Innis, Speiden & Co
SALT—89 kgs, T W Kane; 5 cs, T W Kane
POTATO DEXTRIN—1,150 bgs, Stein, Hall & Co
PUMICE, LUMP—1,000 bgs, United States Commercial Co; 5 cks, United States Commercial Co; 50 cs, United States Commercial Co; 100 bgs, H F Griffiths & Co
POWDERED—26,345 bgs, United States Commercial Co; 533 bgs, C B Chrystal & Co; 40 bgs, H F Griffiths & Co
PYRETHRUM FLOWERS—750 bls, John Powell & Co; 500 bls, Gulf Oil Corp; 500 bls, C B Penick & Co; 1,500 bls, Dodge & Olcott Co; 250 bls, R J Prentiss & Co; 375 bls, McLaughlin, Gormley & King
PYROPHYLLITE—290 bgs, Herron Bros & Meyer
QUEBRACHO EXTRACT—12,970 bgs, International Product Corp; 11,420 bgs, Tannin Product Export Co
RAPESEED—224 bgs, Hinton & Co
RESIN—121 bgs, Herman Weber & Co; 106 bgs, Metallo Chemical Corp; 18 bgs, Schutte & Focke
ROSE FLOWERS—250 bgs, Isaacs A Levy
SAFFRON—12 bgs
SCHEELITE CONC—945 bgs, British Supply Mission
SESAME SEED—329 bgs, Levy & Levis Co; 975 bgs, Inco Trading Co; 658 bgs, L Furth, Inc; 987 bgs, S I Jones & Co; 979 bgs, Archibald & Kendall; 668 bgs, Jenson, McLeon & Co
SHARK LIVERS—14 dms, Cuban American Product Co; 15 bbls, Aristo Oil Product Co
SOOT—46 bgs, F B Vandegrift & Co
SULPHUR, PRECIPITATED—67 cks, New York Quinine & Chemical Co
TALLOW—143 dms, Curthew, Sanders & Son
TANKAGE—498 bgs, Wessel, Duval & Co
TAPIOCA FLOUR—1,977 bgs, Geismar & Co; 19,000 bgs, Corn Product Refining Co; 1,000 bgs, Bank of Montreal
TARA ROOT, PWD—277 bgs, G Friedlaender
SEED—503 bgs, Asher, Kates & Co
TEAWASTE—10,000 bgs, Citro Chemical Co; 4,029 bgs, Maywood Chemical Works
TURMERIC—81 bgs, Becker-Mayer Seed Co; 60 bgs, J L Hopkins & Co
VANILLA BEANS—17 cs, Dodge & Olcott Co; 35 cs, L & R Millen; 55 cs, Norda Essential & Chemical Co; 60 cs, F Huber & Co; 45 cs, Thurston & Braidich; 215 cs, Otto Gerdau & Co; 60 cs, Norda Essential Oil & Chemical Co; 10 cs, McCormick & Co; 48 cs, M Golodetz & Co; 11 cs
WATTLE BARK EXTRACT—9,969 bgs, Barkey Importing Co
WAX, BEES—166 bgs, Simmonds & Grey; 80 bgs, Wessel, Duval & Co; 171 bgs, H H Pike & Co; 13 bgs, Geck Trading Co; 21 bgs, Catz American Co; 21 bgs, Strahl & Pitsch; 17 bgs, Vilco, Inc; 69 bgs, Machado & Co; 54 bgs, Curacao Trading Co; 55 bgs, Bankers Trust Co; 129 pkgs, Geck Trading Co; 29 bgs, Irving Trust Co; 94 bgs, Schutte & Focke; 100 seroons, Lenape Trading Co; 13 bgs, Galimex Co, Inc
CARNAUBA—70 bgs, American Cyanamid & Chemical Corp; 22 bgs, Wessel, Duval & Co
ZIRCON—3,000 bgs, Bank of New South Wales

Baltimore Imports

CHROME ORE—5,000 tons, United States Commercial Co
MICA WASTE—50 bgs, Richmond Mica Corp

Boston Imports

COPPER COBALT ORE. RESIDUE—3,000 bgs, 67,320 lbs, Deloros Smelting & Refining Co
MICA SCRAP—500 bgs, 51 tons, 5 cwt, 1 qr, 27 lbs, F D Pitts & Co

Chicago Imports

VANILLA BEANS—4 cs, Hunzikers, Inc; 36 cs, G Conteau

Philadelphia Imports

MANGANESE ORE—8,971,200 lbs, E J Lavino & Co
VANILLA BEANS—56 cs, Zink & Triest; 16 cs, Camax & Co; 157 cs, M Cortizas & Co

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Essential Oils, Other Aromatics

Business held at a steady pace in the market for essential oils and aromatic chemicals last week. Imports were not too numerous; however, fair size shipments of clove oil, geranium oil and ylang-ylang oil arrived from Madagascar last week. Of interest also was the announcement by the Department of Commerce that distilled or expressed natural essential oils have been removed from the positive list and may be exported under general license to group "K" destinations, effective immediately. Restrictions on the exports of lemongrass oil to Argentina also have been removed.

The disposition of the surplus stocks of government owned Sicilian lemon oil amounting to 268,300 pounds has been clarified by the Department of Agriculture announcement that the material has been placed on sale at the ceiling price of $2.92½ per pound. Offers will be accepted up to March 28, subject to acceptance not later than midnight April 8. Distribution will be in accordance with priority rights of certain classes of purchasers on the following basis:—Government agencies; State and local government; veterans certified by Smaller War Plants Corporation or War Assets Corporation; non-profit institutions certified by Federal Security Agency and importers of Sicilian oil of lemon.

In 1945 the acreage in Madagascar grown to lemongrass amounted to 1,100 hectares, yielding an estimated total of 35 metric tons of the oil, compared to 1,500 hectares in 1944, with an output of 22 metric tons of oil. The acreage devoted to ylang-ylang in 1945 totaled 2,700 hectares, with an estimated yield of 30 metric tons of oil, compared to 3,000 hectares in the preceding year, yielding 25 metric tons of the oil.

Essential Oils

Almond—Recent arrivals amounted to 132 drums, all from Casablanca. Spot stocks of bitter and sweet oil were adequate to cope with current requirements. Prices were unchanged.

Anise—Offerings of Chinese were still available in limited quantities. Quotations ranged from $3.25 to $3.50 per pound.

Bergamot—Sellers appeared well supplied to care for all nearby consumers needs. No further word was heard regarding new arrivals. Prices held at previously established levels.

Bo's de Rose—Spot position of the market remained favorable because of the recent arrivals. Quotations ranged from $5 to $7 per pound.

Caraway — No new developments were disclosed in the market. Offerings of Dutch and Russian oil met all inquiries. Prices ruled unchanged.

Cedarleaf—Spot quotations ranged from $2.55 to $2.65 per pound. Demand and supplies were moderate.

Cinnamon—Market position held satisfactory. Prices continued to range from $32.50 to $45 per pound for the bark, depending on the quality and origin of the material.

Citronella—The situation remained status quo until the government divulges its position on the Custom Court decision handed down last month. Spot price was quoted at $1.70 per pound in one quarter of the market.

Clove—Arrivals last week aggregated 288 drums from Madagascar. Demand and supplies kept at an even keel, and prices were firm.

Eucalyptus—A total of 5 drums arrived here from Lisbon last week. Replacements from the principal primary centers have been lagging, and spot position of the market continued tight.

Geranium — Shipments reaching here last week from Madagascar totaled 24 drums. Inquiries were reported as moderate, and stocks not too burdensome.

Ginger—Prices for distilled ginger ranged higher at $12 to $14 per pound. There was little disposition to purchase beyond nearby needs.

Lavender—French arrivals placed the market in a better supply position; Spanish spike was not too plentiful, but a quotation of $2.65 was named in one quarter of the market.

Market Trends

Prices Advanced

Benzylidin acetone, 35c. per lb.
Cedarleaf oil, 20c. per lb.
Ginger oil, dist., $1 per lb.
Phenylethyl acetate, 50c. per lb.
Phenylethylphenyl acetate, 65c. per lb.

Prices Reduced

Anethol, NF, 30c. per lb.
Anisic aldehyde, 10c. per lb.
Citronella oil, Ceylon, 5c. per lb.
Lavender oil, spike, 10c. per lb.
Ylang-ylang oil, 50c. to $2 per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
219.7	219.3	222.6	217.3

(For Current Prices see page 9)

Lemon—Surplus stocks of government-owned Sicilian lemon oil totaling 268,300 pounds were offered last week on a priority basis to government agencies; state and local governments; veterans, non-profit institutions and finally importers. Offers will be accepted until March 28, subject to acceptance not later than April 8.

Lemongrass — Arrivals last week amounted to 3 drums from Cristobal. Spot position of the market remained tight, but prices were more stabilized at primary source. Restrictions on exports of lemongrass oil to Argentina have been removed by the International Trade, Department of Commerce.

Orange—Demand did not expand materially for various grades of orange oil. Spot stocks were not too large, however, and quotations were well sustained at previous levels.

Peppermint—New developments of importance were lacking in this direction. Demand was steady from usual consuming channels, and prices held unchanged.

Petitgrain—Offerings were limited on spot; the recent arrivals were well absorbed. Prices held firm at the higher levels established recently.

Sandalwood—Arrivals of Mysore sandalwood were expected most any time. Present spot position of the market was negligible, and sellers have a backlog of orders to fill before accepting new inquiries.

Thyme—New shipments of red oil were awaited to bolster the tight spot situation. Prices were well maintained on spot in view of the higher replacement costs.

Vetiver—Imports amounted to 30 drums last week. Stocks of Bourbon were still limited with quotations ranging anywhere from $37 to $40 per pound.

Ylang-Ylang—Prices were generally lower. Bourbon, extra, $20.50 to $24.50 per pound; first, $15 to $19.50 per pound; second, $11.50 to $14.50 per pound, and third, $6.50 to $9.50 per pound. A total of 88 assorted parcels arrived last week from Madagascar.

Aromatic Chemicals

Anethol—Prices for N.F. material were lower, ranging from $2.20 to $2.50 per pound. Demand and supplies continued moderate.

Anisic Aldehyde—Quotations were lower at $2.90 to $3.25 per pound. Consumers displayed a steady buying interest.

Benzylidin Acetone—Prices ranged higher at $2.35 to $2.70 per pound. Usual consumers made steady commitments.

Coumarin—Sellers were cautious about accepting new business, with shipments to regular consumers delayed in some instances as much as two months. Prices ruled firm.

Ionones—Prices were well maintained at the higher levels. Raw material situation improved sufficiently to expand output moderately.

Musk—Conditions continued tight in the market for ambrette and ketone, while supplies of xylol were available in satisfactory quantities. Prices unchanged and firm.

Phenylethyl Acetate—Quotations advanced to the basis of $2.15 to $2.70 per pound. Supplies were not too plentiful.

Phenylethylphenyl Acetate—Prices ranged higher at $5.35 to $7.50 per pound. Demand steady.

Phenylethyl Alcohol — Shipments were on a delayed basis as demand

For Late Market Developments, See Page 4

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continued in excess of production. Prices ruled firm.

Vanillin—Business continued on an allocated basis to regular consumers. Production failed to expand sufficiently to clear up heavy backlog of orders. Prices firm.

Trade Briefs

Carl E. Jones, recently released from the Navy, has been named sales manager of the Agaloy Tubing Company, Springfield, Ohio.

Northam Warren Corporation, cosmetics manufacturer, has started construction of an addition to its plant at Stamford, Conn.

Alfred D. McKelvy Company, toiletries, New York, has named Lieut. Commander John Carman, recently discharged, as assistant to the president.

Pittsburgh Corning Corporation, subsidiary of the Pittsburgh Plate Glass Company, has instituted a new retirement plan whereby all employees automatically become members after five years service with the company.

Heads Technical Sales

Paul M. Goodloe, formerly research chemist and technical service representative with Socony-Vacuum Oil Company, New York, has been appointed technical sales representative of the pulp sales division of Brown Company, manufacturer of cellulose products, New York.

British Toiletries Exports Being Promoted

The British Board of Trade has issued an order to licensed manufacturers of toilet preparations in an effort to increase export trade in these products. The order provides increased quotas on a sliding scale basis under license for manufacturers whose exports amount to 12½ percent or more of their normal license quotas.

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GIVAUDAN NEWS DIGEST

VALUABLE CATCH . . . The Louisiana muskrat trapping season has come to a close, and after taking stock at Delawanna we find that we have upward of a million and a quarter little muskrat glands, ready to be processed into the precious MUSC ZIBATA*. It is good news for the perfumers that America's first and only natural musk will be available

again this year in sufficient quantities. MUSC ZIBATA . . . produced *exclusively* by Givaudan . . . is as powerful and exquisite as any odor in the vast treasure-house of nature.

★ ★ ★

CAMPAIGN AGAINST TAPEWORM in Domestic Animals...Givaudan-Delawanna's Compound G-4, whose value as a mildew-proofing agent is renowned, has been found to be remarkably potent as an anthelmintic. Drs. Craige and Kleckner write in the *North American Veterinarian*, January, 1946, Page 26: "Results suggest that the teniacidal action . . . is one of a prompt lethal effect on the worms, which subsequently undergo prompt disintegration in the intestine." There is only the remotest toxicity danger.

★ ★ ★

NEW LITERATURE on Givaudan products: See Archives of Dermatology and Syphilology, Volume 52, Number 5, November-December 1945, page 385, for *New Cutaneous Bactericidal Agent Used in Soap*, by Drs. Traub, Newhall and Fuller. The bactericidal agent discussed is 2,2′-dihydroxy-3,5,6,3′,5′,6′-hexachlorodiphenylmethane (Compound G-11), of which the authors state that two percent "incorporated in toilet soap enabled the subjects studied to maintain an exceedingly low bacterial population on the skin of the hands and forearms." Reprints are available.

★ ★ ★

RECENT PROGRESS *in Analysis of Oil of Lavender:* Our well-known Geneva colleague, Dr. Y. R. Naves, whose writings on perfume oils are widely read in England, France, Switzerland and elsewhere, makes his first contribution in this country, in the March issue of *The Givaudanian*. An important article, not to be missed. Send for your copy today.

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PARAMET SYNTHETIC RESINS

Protective Coatings Materials

Despite further delays in the reopening of some of the principal outlets for its products in the automotive vehicle and electrical equipment manufacturing trades and its unrelieved gloomy outlook for obtaining even the present greatly curtailed quotas of linseed oil and metallic lead in the second quarter of this year, the protective coatings industry is still hopeful of weathering the gale of deprivations in these lines and bringing home a sizable cargo of sales and profits by midyear, if not before then. For, the revelation, in the recently published Census Bureau's figures on the $56,692,956 of sales for the 680 reporting establishments for January, showing an even larger aggregate value than those for the initial months of the two preceding years, when it was the recipient of gigantic war orders, has demonstrated clearly what a magnificent showing this industry can make in sales of its paints, varnishes, lacquers and their ingredients, made up solely of civilian business, even in the face of seemingly insuperable obstacles.

The bad news of the past week has been the unqualified statement by the tin, lead and zinc branch of the Civilian Production Board, that the total amount of lead allocated to the Chemicals Division, which includes lead pigments, will have to be reduced for the second quarter of this year, and the strong intimation by the Department of Agriculture to the paint, varnish and lacquer industry advisory committee, that the linseed oil quota for the second quarter will probably be lowered from the present 75 percent to 60 percent of the 1940-1941 base period.

The only item of good news has been the granting to certified manufacturers of marine paints operating prior to July 1, 1943, of exemption from the oils and fats quota order, permitting them to use 20,000 pounds of fats and oils per quarter for all purposes, instead of 15,000 pounds, as previously allowed.

Metallic Lead and Zinc

Confronted by the recent statement of CPA's tin, lead and zinc branch, that the allocation of metallic lead to the Chemicals Division will have to be reduced for the second quarter, the makers of lead pigments have abandoned all hope of being allowed to have even the meager quota now granted them "on paper." The latest Bureau of Mines report shows domestic production of lead for January to have amounted to 32,426 short tons, virtually the same as the 1945 monthly average but 2,312 tons, or 7 percent, under the monthly average during 1944. Prices of pig lead have continued unchanged for the week of March 15-22 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although the zinc industry is credited with a moderate overall gain in stocks, according to latest reports of the Bureau of Mines, there continues to be a drop in production of slab zinc, at secondary redistillation plants and there is still a shortage of high grades of that material, despite a plentiful supply of zinc ores and concentrates. Quotations for slab zinc have remained unaltered for the week March 15-22 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

White Lead—The threatened further curtailment of output of this pigment, if not a complete shutdown of some plants now engaged in making it, has seemingly been brought one step nearer materialization by the unqualified statement by CPA's tin, lead and zinc branch, that the total amount of lead allocated to the Chemicals Division, which includes lead pigment production, will have to be reduced for the second quarter, although to date the exact amount of this contemplated additional cut in the quota has not yet been announced.

Market Trends

Prices Advanced

Asphaltum, petroleum, 21c. per bbl.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

(For Current Prices see page 9)

Fillers and Extenders

Mica—Paint manufacturers continue buying wetground scrap mica in considerable volume and dryground grades in only slightly smaller quantities. Latest imports have contained 58 cases of block, 1,099 cases of splittings, 26 cases of discs and 2,024 bags of insulating material.

Dry and Chemical Colors

Carbon Black—High color blacks for motor vehicle paint jobs, rubber grades of channel black and several of the leading furnace blacks head the list in this group of color pigments in point of activity and strength. The paint trade is buying more extensively than for some time past. And inventories of channel blacks have shown a reduction of 2,750,000 pounds as of February 28, despite the hugely increased production.

Driers and Flatteners

Naphthenates—The paint industry continues able to satisfy its drying materials requirements in these driers without any restrictions, as the manufacturers are now adequately supplied with naphthenic acid.

Stearates—Although still moving in considerable volume, business in these flattening agents has been somewhat diminished of late by a tapering off in the buying by the petroleum refiners engaged in making synthetic rubber materials. However, other consumers continue to purchase fairly sizable quantities and the plant capacities of most of the manufacturers are pretty well booked up.

Lacquer Materials

Cellulose Acetate—Demand continues far in excess of supply, despite a recent stepping up of production to capacity.

Ethyl Cellulose—Orders continue to run well ahead of production, albeit the plants making it are operating full.

Phthalic Anhydride—Still in alarmingly short supply with demand going largely unsatisfied.

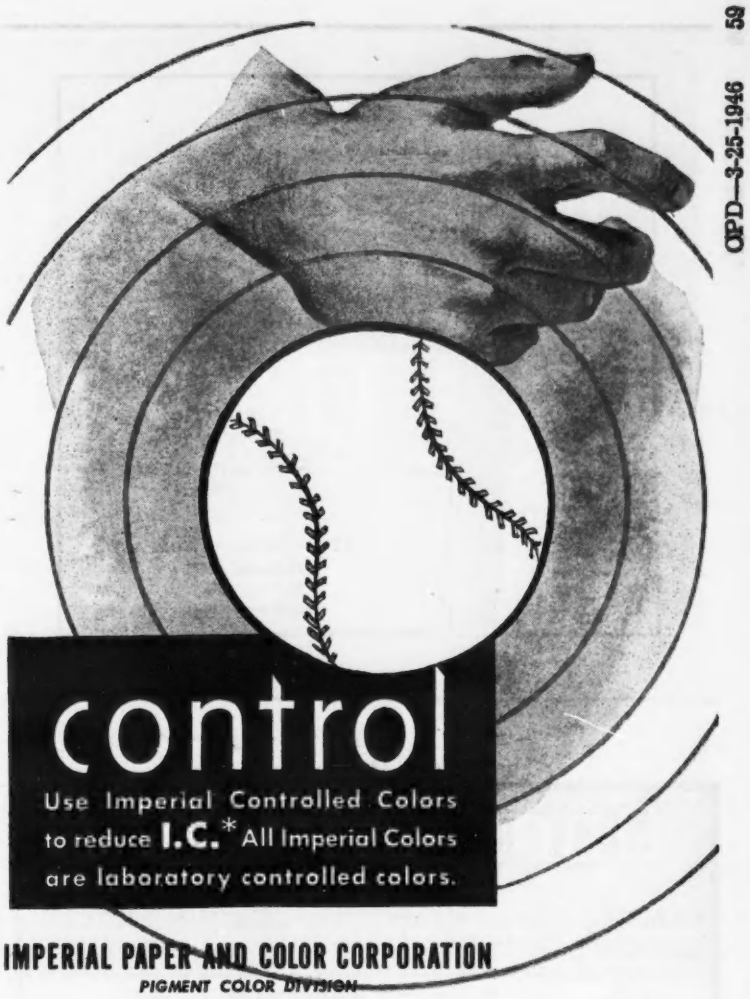
Naval Stores

With the advent of warmer weather throughout the longleaf pine-growing regions of the South, the pine gum is already being gathered in such steadily increasing quantities as to suggest an early easing of the tightness hitherto existing in the higher grades of gum rosin as well as in gum turpentine as the old crop year draws to a close.

Plans for broadening operations in the official naval stores market in Savannah, which have latterly been drying up at an alarming rate, are to be presented at a meeting of the industry planning committee called for March 25. By revising the rules now governing operations in this official market, it is hoped to increase offerings and sales in that center, although there probably will also continue to be a large measure of activity in offerings and sales at interior points.

Rosin—With the approach of the calendar date for the start of the new crop season, April 1, the gum naval stores industry believes the new crop year will open with nearly a clean slate insofar as unsold rosin stocks are concerned, largely because of the rescinding of the Civilian Production Administration's order M-387. Although domestic consumption has been restricted of late by lack of sufficient other raw materials needed in the paint and most of the other major consuming industries and the switching of the soap industry from rosin to tall oil on a large scale, there has been a notable amplification of the export

For Late Market Developments, See Page 4



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Specifications and Properties

Sp. Gr. @ 30° 15.6°C.	0.980 to 1.00
Viscosity (Gardner Holdt)	W (average) @ 25°C
Distillation by volume	Essentially between 300°C and 375°C
Max. % off @ 300°C.	5%
Refractive Index @ 20°C.	1.5355
Molecular Weight	230
Odor	Sweet, Characteristic
Color	Amber
Color Retention	Good

Fields of Use

Adhesives of the waterproof, optical, shoe, packaging and pressure sensitive types;
Paper coatings both waterproof and greaseproof and for ordnance wrap;
Paints and varnishes including laminating varnishes, printing and duplicating inks;
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Being an alkylated phenol, Nevillac OA undergoes typical reactions. For instance, with formaldehyde, oil-soluble phenolic resins are produced which can be formulated as such in varnishes, or can be used in fortifying rosin, rosin esters, alkyd resins and established types of phenolic resins.

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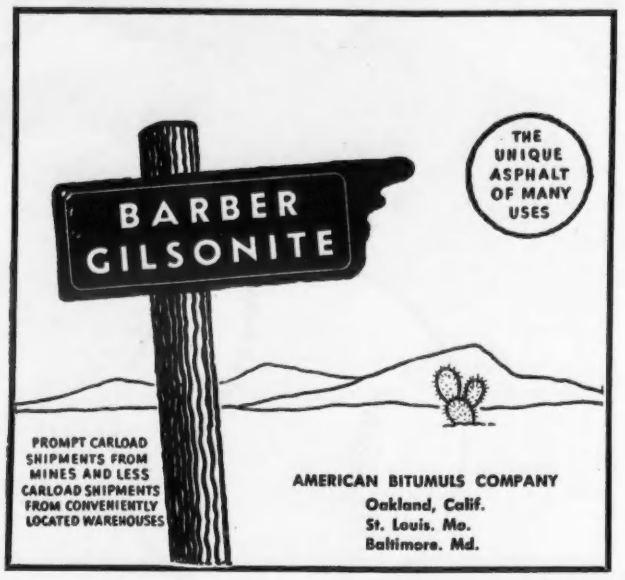

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demand. Licenses for out-of-the-country shipments of the N grade and a few other of the higher grades have latterly been issued out of the increased export quota, which was recently expanded by 25,000 drums, for the first quarter of this year but to date no announcement has been made by CPA or the Office of International Trade Operations as to the size of the export quota expected for the second quarter of 1946, which will be the first quarter of the new season.

Savannah, March 22.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$6.00	$6.00	$6.00	$6.00	$6.00
D	6.07	6.07	6.07	6.07	6.07
E	6.60	6.60	6.60	6.60	6.60
F	6.70	6.70	6.70	6.70	6.70
G	6.74	6.74	6.74	6.74	6.74
H	6.76	6.76	6.76	6.76	6.76
I	6.76	6.76	6.76	6.76	6.76
K	6.80	6.80	6.80	6.80	6.80
M	6.82	6.82	6.82	6.82	6.82
N	6.98	6.98	6.98	6.98	6.98
WG	7.23	7.23	7.23	7.23	7.23
WW	7.50	7.50	7.50	7.50	7.50
X	7.50	7.50	7.50	7.50	7.50
	Drums				
Sales	...	...	53	...	...
Receipts	...	...	...	4	30
Shipments	...	...	...	...	...
Stocks	3,299	3,299	3,299	3,303	3,333

Turpentine—Though in far from plentiful supply, gum turpentine is still obtainable in the primary markets of the South in quantities sufficient for meeting the current demand. Some of the stocks now coming to market are the residues of the government-held stocks, bought by dealers last October and until a month ago, when these supplies became exhausted.

Savannah, March 22.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday	83½	...	12	110	1,359
Tuesday	83½	...	...	127	1,232
Wednesday	83½	...	...	122	1,110
Thursday	83½	...	83	192	1,001
Friday	83½	...	...	115	886

Synthetic Resins

Ester Gum—In the face of a steadily mounting demand, production of this material still lags, chiefly because of the shortage and high cost of glycerin, although both gum and wood rosins are becoming more readily available.

Chlorinated Rubber — Chlorinated synthetic rubber is once more available for all enduses, but chlorinated natural rubber continues under strict allocation by the Civilian Production Administration.

Varnish Gums

Asphaltum — Overshadowing all other developments in the asphalt industry is the announcement made by OPA last week that an advance of 21c. per barrel has been authorized, by an amendment (12) to GMPR 325, in prices of petroleum asphalts obtained from heavy oils produced in the United States. To date, however, this has been without reflection in the Mexican and South American asphalts.

Copal—While inclined to make a careful study of its provisions before deciding whether or not it meets all their requirements and merits their unqualified approval on all scores, the American importers of Congo gum copal are welcoming the long-delayed issuance of the revised maximum import price regulation, whereby they will be able to establish the ceiling prices on such quantities of this natural resin as they may be able to procure in the Belgian Congo, when it has been landed here.

The purchase price ceilings, hitherto limiting the prices which these importers were authorized to pay in that primary market, were removed nearly two months ago, but it was impossible to lay the foundations for marketing the gum purchased there when landed here until a formula was provided for reckoning permissible additions to the primary market prices. The new pricing formula provides for a dollars and cents markup over the cost of acquisition used hitherto for the same commodity.

Insofar as the importers have interpreted the new regulation, which was issued March 18 and is to become effective March 25, it appears to provide the same profit margins on importations of this gum as were furnished in the old OPA ceilings. A detailed description of the new formula is set forth in a special news-

LIMEOLITH
Precipitated Calcium Carbonates
We offer a complete list of LIMEOLITH for paint, rubber, glass, cosmetics, feed and other uses. Guaranteed minimum of impurities and moisture assure easy use.
★N Neutral LIMEOLITH
★C Coated LIMEOLITH
★R Regular LIMEOLITH
We also furnish specially treated and extra fine grades. Write today for free samples and prices, stating requirements.
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2915 SOUTHWEST BLVD.
KANSAS CITY, MO.

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SPANISH RED OXIDE
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BLACK OXIDE
HYDRATED BORATE
CHINA CLAY
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KAOLIN
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DRY COLORS
"Color Content Guaranteed"
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Toluidine Reds
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Petroleum Naphthas and Solvents
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"THE ORIGINAL SYNTHETIC SOLVENT MANUFACTURERS"

You Can Use

ISOPROPYL ALCOHOL SUPPLIES AVAILABLE

Recommended for lacquers, resins, laminating varnishes, body rubs, vitamin B1 preparation, sterilizing solutions, liniments and many additional applications.

STANDARD ALCOHOL CO. 26 BROADWAY NEW YORK

COBALT SALTS

- COBALT HYDRATE
- COBALT ACETATE
- COBALT CARBONATE
- COBALT SULPHATE

Finest quality, guaranteed full metal content. Write for prices and samples. Can make shipment same day order is received.

FERRO DRIER & CHEMICAL COMPANY

UNION COMMERCE BUILDING • CLEVELAND 14, OHIO

*DORSCOPOL-L

***ANNOUNCING* A NEW VARNISH OIL THAT WILL DRY HARD . . . STEP UP PRODUCTION.**

The *hard dry* you demand in a varnish oil is just one of the many qualities of the new DORSCOPOL-L. To save you time and labor, we believe we have produced the most *versatile* oil on the market today. *In addition,* DORSCOPOL-L gives you:

- Excellent color
- Perfect color retention
- Fast Bodying
- Flexibility
- Solubility
- Economy
- No "sweat back" after long drying

DORSCO'S Technical Bulletin, giving constants, cooking, and pigmented data . . . along with samples . . . is yours upon request.

*PROPERTIES OF DORSCOPOL-L	
Viscosity	Z-Z1
Color (Gardner)	5-6
Color (H-K)	2
Acid Value	5-9
Gelation Time 565° F.	90 Minutes
Color retention	Excellent
Flexibility	Excellent
Solubility in hard resins	Excellent

DORWARD & SONS CO.

"Master processors of paint and varnish oils"

64 Pine Street, San Francisco 11 • Refinery at Richmond, California

AGENTS IN ALL PRINCIPAL CITIES

AHCO PRODUCTS

METHYL "CELLOSOLVE"* STEARATE

METHYL "CELLOSOLVE" STEARATE, a synthetic ester, is used as a plasticizer for cellulose derivative, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOCH_2CH_2OCH_3$
Molecular weight	342
Color (platinum cobalt scale)	175
Melting point	22° to 24°C
Flash point	378°F
Acidity	less than .6 mg. KOH per gram ester
Specific gravity	.888 at 25°/25°C
Iodine value	2 max.

Low volatility

* Trade mark of C&CCC

BUTYL STEARATE

BUTYL STEARATE, a synthetic ester, is used as a plasticizer for cellulose and polyvinyl derivatives, also for cosmetics, paper coatings and wax finishes. The following data may suggest other uses.

Chemical formula	$C_{17}H_{35}COOC_4H_9$
Molecular weight	341
Color (platinum cobalt scale)	130
Melting point	19° to 20°C
Flash point	358°F
Acidity	less than .6 mg. KOH per gram ester
Saponication number, 171-179 mg. KOH per gram ester	
Specific gravity	.85-.86 at 20°/20°C
Iodine value	2 max.

Low volatility

ARNOLD-HOFFMAN & CO., INC.

Manufacturing Chemists

PROVIDENCE, R. I.

Established in 1815 • Plants at Dighton, Mass. and Charlotte, N. C.

NEW YORK • BOSTON • PHILADELPHIA • CHARLOTTE

story appearing elsewhere in this issue of OPD.

Shellac—Aside from a further small trickle into the port of New York of old seedlac and orange grades from Calcutta, contracted for several months ago, there have been no new developments of consequence in the shellac market in the United States within the past week. The new arrivals have consisted of 1,325 bags of seedlac, 305 bags of garnetlac and 960 bags of otherwise unspecified shellac. There have been no new offers for several months from India, where the markets are said to be nearly bare of supplies, with sellers continuing to hold out for higher prices than the Indian Price Commission will permit.

Glues and Binders

Casein—With Argentine casein being still held at prices far above the OPA ceilings and with domestic production continuing at ebbtide, the American market for this material is at a virtual standstill. On contracts made several months ago, there have been arrivals of Argentine casein at New York, this past week, aggregating 15,799 bags, weighing approximately 1,737,890 pounds or about 869 tons. One unusual shipment and arrival here has also been recorded in the importation of 112 bags from Sydney, Australia. Nothing of a very encouraging nature has yet developed from the recently-begun conference of OPA officials with the Department of Agriculture, called to devise means of increasing supplies of casein.

Glues—Only slim chances for relief from the "squeeze" from which most manufacturers of hide glues have been suffering keenly of late, in being compelled to meet rising costs of gluestock and labor, has been afforded, this past week, by a concession granted by OPA to some of them in the form of permission to adjust their ceiling prices upward commensurately with these rising costs. Production of hide glue in January is reported by the Census Bureau as having amounted to 5,420,314 pounds and that for bone glue as reaching 10,831,867 pounds.

Re-Bo Manufacturing Company, material handling equipment, New York, has moved its plant from Knoxville, Tenn., to Bedford, Va., where it purchased the former Continental Can Company property.

Heads Lincks Co.

George W. Billings, recently discharged from the army, has been named president of George W. Lincks, Inc., varnish gum importer, New York, succeeding George W. Lincks, retired.

D.A.Metz Gets Zapon Technical Service Post

Donald A. Metz has been appointed manager of technical service for the Zapon Division of Atlas Powder Company, according to an announcement by E. H. Bucy, assistant general manager. The Zapon Division manufactures industrial finishes at plants in Stamford, Conn., and North Chicago, Ill. Mr. Metz will be located at Stamford. He is organizing a service which will enable the company to further the technical and sales interests of its customers in the industrial finishes field.

A graduate of Sheffield Scientific School of Yale in 1937, Mr. Metz, son of Herman A. Metz, former comptroller of New York and well known in the color and chemical industries, was recently released from the Army with the rank of Lt. Col. He was in charge of organizing and operating the paint and chemical laboratory at Holabird Depot, Baltimore, Md., and later at Aberdeen Proving Ground. Prior to entering the Army, Mr. Metz had been associated with the Winthrop Chemical Company as assistant divisional manager.

Horse Head Lead-Free Zinc Oxides

New Jersey Zinc

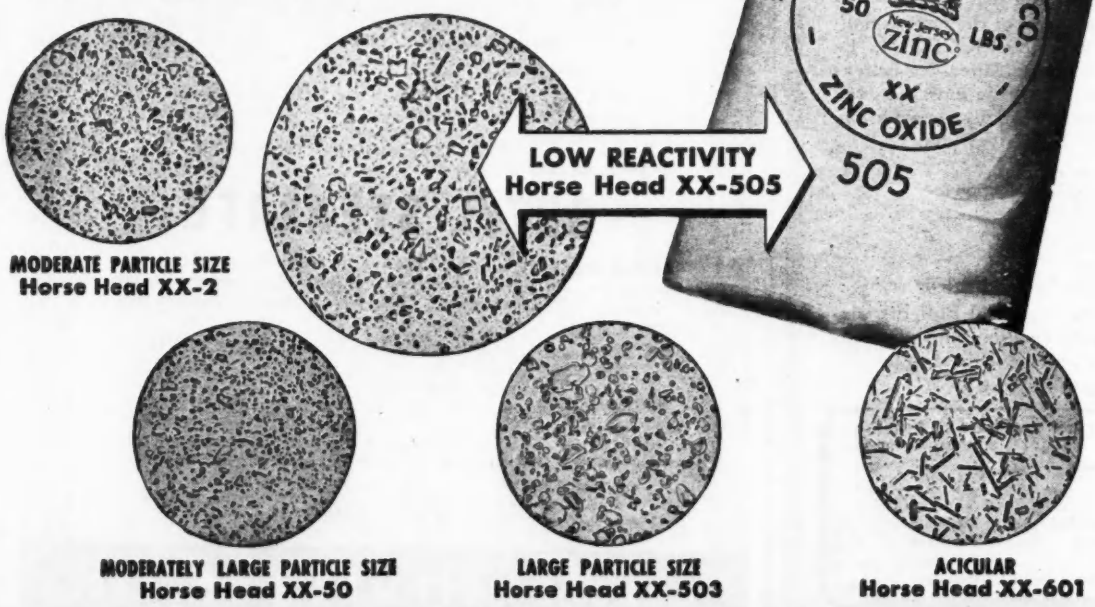
HORSE HEAD XX-505 ZINC OXIDE

Horse Head XX-505 is a zinc oxide of low reactivity. It was designed for use with vehicles that are too reactive with the regular types of zinc oxide.

Used in interior gloss paints and enamels, synthetic resin type exterior enamels and lacquers, house paints, trim and trellis paints.

Horse Head XX-505 has good color, gloss retention, durability and resistance to yellowing.

More information on all Horse Head lead-free zinc oxides is given in our Pigment Selection Chart. Send for a copy today.



MODERATE PARTICLE SIZE
Horse Head XX-2

MODERATELY LARGE PARTICLE SIZE
Horse Head XX-50

LARGE PARTICLE SIZE
Horse Head XX-503

ACICULAR
Horse Head XX-601

THE NEW JERSEY ZINC COMPANY
160 FRONT STREET, NEW YORK 7, N. Y.

Corrosion Resistant Paints to Be Discussed

A symposium of corrosion resistant paints will be presented at the Polytechnic Institute of Brooklyn on three Saturday morning sessions, April 6, April 20 and May 4, under the auspices of the department of chemical engineering. Henry Fleming Payne, technical editor of American Cyanamid Company, New York, will be chairman of the meetings.

The subject for Saturday, April 6 will be "Corrosion Resistant Primers Based on Pigments Other Than Red Lead or Zinc Yellow;" subject for Saturday, April 20, will be "Corrosion Inhibiting Primer Pigmentation;" subject for Saturday, May 4, will be "Special Organic Coatings for Protection Against Corrosion."

NPLVA Honored By Treasury Dept.

OPD Washington Bureau

The United States Treasury Department's Citation of Award has been presented to the National Paint, Varnish and Lacquer Association for "distinguished service rendered the war finance program." The award cited the association for "giving so generously of time and organization in helping to assure success of the program."

Witco Builds Pilot Plant At Chicago Laboratory

Witco Chemical Company, New York, has completed a modern pilot plant in connection with its Chicago laboratory, which duplicates actual plant equipment on a small scale. It will be used in adopting laboratory procedures to plant operating conditions, and will permit development of new asphaltic and specialty products used in the rubber, paint and plastics industries.

Green Named Sales Manager

M. T. Green has been appointed sales manager and G. B. Greene advertising manager of the Chicago Show Printing Company's printing ink division. Mr. Greene also handles the advertising for the company's Mystik Adhesive Products division.

Trade Briefs

Lee Franklin has been appointed branch manager of Devoe & Raynolds Company, paint manufacturer, Little Rock, Ark. He was formerly store manager and assistant branch manager at Little Rock.

Walter W. Fassig has joined the naval stores department of Hercules Powder Company as entomologist in charge of the biological laboratory at the department's Brunswick, Ga., plant.

United States Rubber Company, New York, has sent four natural rubber experts to the Far East to determine steps necessary for resuming production of natural rubber on the 131,000-acre plantations owned by the company in Malaya and Sumatra.

OPD—3-25-1946

Chromium Oxide Green

99% Cr_2O_3 minimum

Extra soft texture — High tinctorial strength

PROMPT DELIVERY

MINERAL PIGMENTS CORPORATION

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MINERAL PIGMENTS and EXTENDERS

BLACK, BROWN, RED, YELLOW IRON OXIDES

METALLIC BROWNS, UMBERS, VENETIAN REDS, OCHRES

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Chromium Oxide and Hydrate
Barytes, Clay, Talc, Whiting

C. K. WILLIAMS & CO.

EASTON, PA.

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EXPORTERS OF INDUSTRIAL AND PHARMACEUTICAL CHEMICALS

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ALUMINUM POWDER AND PASTE

For All Uses — For Paints, Graphic Arts, Pyrotechnics
All Mesh Specifications

BRONZE POWDER

Pale and Rich Gold — For All Uses

KRUMBHAAR CHEMICALS, INC.

Dr. William Krumbhaar, President SOUTH KEARNY, N. J.

Makers of Finest Synthetic Resins

STANLEY DOGGETT, Inc.

ESTABLISHED 1878

MANUFACTURERS and IMPORTERS
DRY COLORS OF MERIT - QUALITY PIGMENTS

75 VARICK STREET, NEW YORK

PLYMOUTH

PLYMOUTH STEARATES

ALUMINUM — ZINC — CALCIUM — MAGNESIUM

Established Qualities Manufactured for thirty years by

M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
59 BEEKMAN STREET, NEW YORK CITY

DISTRIBUTORS THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO., AND BRANCHES

Industrial Chemicals

FIRSTOLINE TRADE MARK GENUINE FRENCH PROCESS ZINC OXIDE — SPECIAL ZINC PIGMENTS — METALS AND METAL POWDERS

Metal Powders

ZINC OXIDE

AMERICAN AND FRENCH PROCESS

FOR ALL PHARMACEUTICAL, COSMETIC AND INDUSTRIAL PURPOSES

ZINC CARBONATE — ZINC STEARATE
ZINC SULPHATE

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NICKEL SULPHATE
NICKEL FORMATE • NICKEL OXIDE
COPPER SULPHATE • COPPER CARBONATE

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D. D. T.

(DICHLORO — DIPHENYL — TRICHLOROETHANE)

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AND PASTE, ALL GRADES

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BRONZE POWDER

PALE AND RICH GOLD, ALL GRADES

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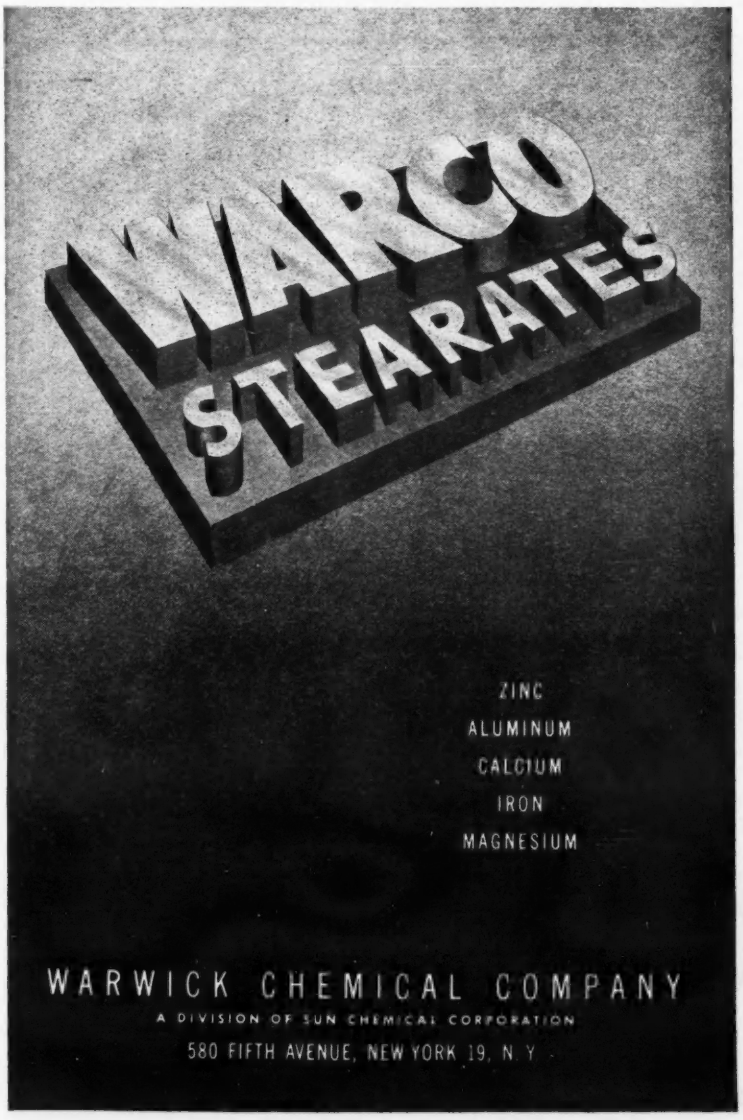
CABLE ADDRESS: FIRSTOLINE



N.Y. Paint Technicians To Scan New Resins

New Synthetic resins and plastic products recently evolved by the Bakelite Corporation, New York, will be discussed by Dr. Robert J. Moore, the company's technical coordinator at a meeting of the New York Paint and Varnish Production Club, to be held in the Building Trades Employers building, New York, on April 4.

Another speaker, Victor Bidlack, of the Philadelphia Paint and Varnish Production Club, will relate his experiences as liaison officer in the American zone in Germany.

CDIC Paint Technicians Study Zinc Yellow Primers

Dr. Willard F. Spengeman, of E. I. du Pont de Nemours & Co., Wilmington, Del., spoke on "Methods of Formulating Zinc Yellow Primers" at the March meeting of the Cincinnati-Dayton-Indianapolis-Columbus Paint and Varnish Production Club.

The speaker divided the subject according to the type of work on which the primer was to be used: non-ferrous metals, structural steel and marine primers. One test was made by coating steel foil which was cemented to glass. Rusting of this foil appeared through the glass before any effect on the paint film could be observed. Alkyd vehicles were recommended with the addition of linseed oil where rusted surfaces were to be coated; zinc yellow content ranged from 60 percent downward, to less than 40 percent, depending on the severity of conditions of exposure.

L.A. Production Club To Meet March 27

The Los Angeles Paint and Varnish Production Club will meet March 27. Dr. A. Schwarzman, of the Spencer-Kellogg Company, paint materials manufacturer, Buffalo, N. Y., will discuss "Atomic Energy."

Detroit Paint Club To Meet March 25

Lawrence E. Good, director of the Detroit Inter-American Center, will speak on Latin America at the meeting of the Detroit Paint, Varnish and Lacquer Association to be held March 25 at the Wardell-Sheraton hotel.

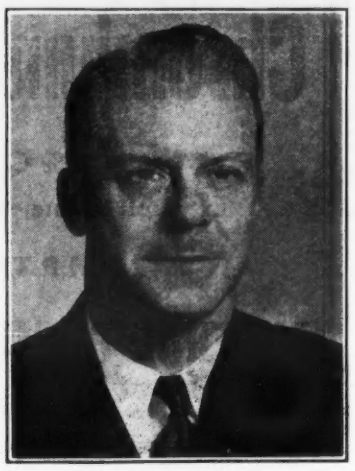
Paint Merchants Get Advice on Business

Safe and sound credit for paint dealers, efficient handling of bulk paint supplies and methods of stepping up inventory turnovers were recommended at a paint merchants' clinic held in the Pennsylvania hotel, New York, last week.

Sponsored by the New York Paint, Varnish and Lacquer Association, the Paint Dealers Institute and the Paint Travelers Association, clinic members heard discussions on "Credit Accounts," by William F. Stewart, credit manager of Benjamin Moore & Co., Newark, N. J.; "Cost of Doing Business," by Samuel Nudelman, Liberty Paint Supply Company, Brooklyn, N. Y.; "Handling of Bulk Paint and Its Storage," by Seymour Isserson, Arnesto Paint Company, New York, and "Getting More Profits Through Inventory Control," by A. K. Coffin, Keystone Varnish Company, Brooklyn.

Sullivan Box Factory, Sullivan, Ill. has purchased Bi-Metallics Products Corporation, Chicago, and changed its name to Sullivan Industries, Inc.

Heads Cabot's Exports



Morton M. Charnley, formerly in charge of Republic Steel Corporation's exports to the East Coast of South America, has been appointed export manager of Godfrey L. Cabot, Inc., carbon black manufacturer, Boston. Mr. Charnley was with Carbon Black Export, Inc., New York, for eight years, before joining Republic.

Johnson & Son Assigns Ross to England

Harold Ross, former chemist in the emulsion section of the research and development division of S. C. Johnson & Son, Inc., wax manufacturer, Racine, Wis., has been named production manager of S. C. Johnson & Son, Ltd., West Drayton, England.

Edward Wilder, formerly head of the synthetic resin and varnish section, now heads the natural and synthetic wax section for the Wisconsin firm. Dr. Donald Whyte, formerly with the Hercules Powder Company, experiment station, Wilmington, Del., is director of Johnson's organic research section.

Dr. L. Keith Coad, formerly a research chemist for General Motors, has been placed in charge of the physical research chemistry section. Enos H. McMullen, formerly with Wyandotte Chemical Corporation, Wyandotte, Mich., has been named senior chemist in the natural and synthetic wax section. Norbert H. Brusky, released from the army, is now finished products inspector.

Trade Briefs

Cowles Detergent Company's paper chemical division, Cleveland, is issuing a booklet on "Nu-Nap," its felt washing detergent.

Ever Ready Label Corporation, New York, has appointed **Herbert Kaufman**, recently released from the navy, as assistant to the president.

William G. Werner, of the Procter & Gamble Company, Cincinnati, has been made chairman of the government relations committee of the Association of National Advertisers.

"DID YA CATCH THIS MONTH'S CONTINENTAL AD?"

We're a big family—and *growing!* That's the gist of current Continental advertising in leading magazines. So keep your eye on Continental and on the Continental Triple-C trademark . . . it stands for best in quality, best in service, too!

Tune in "Continental Celebrity Club," every week over coast-to-coast CBS Network

TIME
*plastic handles for coffee pots . . . And cans for insecticides
*household ware*named Decoware . . . And cans for meat besides
ALL ARE MADE BY CONTINENTAL CAN COMPANY
Continental serves behind the scenes behind the labels of America's finest products

SICO

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products

STANDARD ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

Oils, Fats, and Waxes

Consuming interest for oils and fats was unabated during the week, but trading lacked volume owing to the scanty supplies.

Consumers of linseed oil were greatly encouraged by the further large arrivals of flaxseed and approximately one thousand and three hundred tons of linseed oil from the Argentine during the week. Receipts of seed and oil will help to relieve the tight oil supply situation, at least temporarily. Another large shipment of flaxseed from the Argentine was due to arrive within a few days. The advisory committee of the paint, varnish and lacquer industry was advised by the Department of Agriculture that the linseed oil quota for the second quarter would probably be reduced from the prevailing rate of 75 percent to 60 percent.

Arrival of several hundred tons of tung oil also from the Argentine, are due this week for distribution to the trade by the Commodity Credit Corporation. This will provide some relief to the users of drying oils. There was no improvement in the oiticica and dehydrated castor oil tight situations, with crushers of the latter limiting sales to small quantities because of the low castor bean stocks.

Importation of several hundred tons of olive oil due to arrive from Syria raised hopes of consumers of obtaining some supplies, until it was disclosed that the shipment of oil was to be re-exported to foreign countries and was not available for domsetic use. This oil, it was reported, was purchased at prices above American import ceilings.

Cottonseed Oil

Outside of a steady movement of crude and refined oil on allocation, activity continued restricted to occasional sales at ceilings during the week. Reports from the South stated offerings of crude oil were scanty and a number of mills were closed because of inability to obtain seed.

Bleachable oil prices follow:—

	—Cents per pound in tanks— High.	Low.	Close.
May	....	....	14.31 bid
July	....	....	14.20 bid
September	....	....	14.00 bid
October	....	....	14.00 bid
December	....	....	14.00 bid

Total sales, none.
Cash, 14.31c, nom.
Crude, Southeast, 12¾c.; Valley, 12⅝c.; Texas, 12½c. f.o.b. works (all ceiling prices).

Linseed Oil

Linseed oil quota will probably be reduced from 75 percent to 60 percent during the second quarter, according to advices received by the the paint, varnish and lacquer industry advisory committee from the Department of Agriculture.

Additional arrivals of 3,913 tons and 9,735 bags of flaxseed and 1,298 tons of linseed oil from the Argentine were noted during the past week, for distribution by the Commodity Credit Corporation. This will help to ease the tight oil and seed supply situation, temporarily, at least. Another shipment of Argentine flaxseed and oil was due to arrive within a few days.

Augmented seed supplies will boost oil production of Eastern mills and will reopen one of the largest mills within the next week or ten days. It was reported that some oil for April delivery was offered to regular customers.

Report of farmers' intentions to plant flaxseed this year was disappointing, and was indicated at 3,497,000 acres, or 86 percent the acreage planted last year of 4,066,000 acres and the 10-year average of 3,054,000 acres.

Minneapolis, March 20.—Demand for linseed oil continued brisk but crushers were able to offer little or nothing against the meager supplies of new flaxseed that is coming into commercial channels.

Shipments of linseed oil, in pounds, were as follows:—

	1945-46	1944-45
This week	6,420,000	3,560,000
Since Sept. 1	189,840,000	158,040,000

Flaxseed—Seed receipts continued light, with crushers bidding at ceilings for all positions.

Minneapolis, March 20.—Offerings of "to arrive" flaxseed expanded modestly during the week, a total of 17 cars sold within a few days as against three cars during the first 15 days of March.

	—Receipts— 1945-46		—Shipments— 1944-45	
This week	178,500	52,500	45,000	22,500
Since Sept. 1	19,138,500	9,176,500	3,744,000	1,496,000

Flaxseed in Minneapolis during the week was unchanged at $3.10 (ceiling) per bushel for spot and for forward deliveries.

Buenos Aires, March 22.—Flaxseed shipments during the week were 118,000 bushels to the United Kingdom and 146,000 bushels to the Continent. Visible seed supply was estimated at 4,724,000 bushels. Seed was quoted at $1.66 per bushel, f.o.b. steamer.

Hull, March 22.—Bombay, £40⅛, March; Calcutta, £35½, March; La Plata not quoted.

Other Vegetable Oils

Castor, Dehydrated — Consumers were seeking to purchase sizable quantities, but the low supply of castor beans continued to restrict production. Crushers confined sales to small quantities at ceilings.

Coconut—Consumers showed an active inquiry for crude oil and further sales were noted at 8⅛c. per pound, tankcars, f.o.b. Pacific coast for April-May shipment. Offerings were not liberal and dependent upon the receipt of copra from the Philippines.

Oiticica—Buying interest continued keen. Trading was slow owing to the scarcity of offerings from Brazil and lack of spot stocks.

Olive—Arrival of some 250 tons of olive oil from Syria during the past week, created quite a stir in trade circles. This oil, it was said, was in transit for re-export to foreign destinations and was unavailable for domestic consumption, owing to the fact that it was sold at prices above U. S. import ceilings. Definite instructions were awaited by importers governing the importation of oil from Greece against exports of soybean oil. No official announcement was received concerning the proposed exchange of vegetable oils for olive oil with Spain.

Soybean—Deliveries against former contracts moved in good volume. Trading was quiet, because of scarcity of offerings. Farmers' intentions to plant soybeans this season was indicated at 11,840,000 acres or 88.3 percent of last year's acreage of 13,413,000 acres and the 10-year average of 9,886,000 acres.

Tung—A sizable shipment of tung oil from the Argentine was due to arrive here for distribution to the trade by CCC. Owing to the urgent demand, sellers will experience no difficulty in disposing of their allocations at ceilings. Conditions in the market continued tight with domestic and Chinese oil unavailable.

Fats and Greases

Greases—Consumers taking all offerings at ceilings. Demand greater than the supply. Market was firm.

Lard—Trading still restricted to less than carlots. Offerings were light. Stocks of lard and rendered pork fat in the United States were indicated at 90,718,000 pounds, March 1, compared with 83,489,000 pounds, February 1, 64,770,000 pounds March 1, last year and the 5-year average of 216,345,000 pounds. Lard stocks in Chicago totaled 17,385,090 pounds, March 15, against 20,238,100 pounds, March 1 and 4,598,625 pounds, March 15, last year.

Tallow — Light production moved mainly against former orders. New business was limited and spotty, owing to scanty offerings.

Animal Oils

Oleo—Production was sold up and offerings were light. Consuming inquiry was fairly active.

Market Trends

Prices Advanced

Carnauba wax, 5c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
193.5	193.5	193.3	193.3

(*For Current Prices see page 9*)

For Late Market Developments, See Page 4

STEARIC ACID
OLEIC ACID
(Red Oil)
DISTILLED
FATTY ACIDS
Animal
and
Vegetable
RUFATS
(Hydrogenated
Fatty Acids)
WILSON & CO. INC
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND
RED OIL
(OLEIC ACID)
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(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)
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AMORPHOUS WAXES
For Laminating Paper
Melting Points 126° F. to 170° F.
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A FREE-FLOWING STEARIC ACID IN BEAD FORM

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Measures, Weighs, Mixes and Melts Quickly

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100% Pure Amorphous
Refined Mineral

OZOKERITE
UTAHWAX
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Actual photo of mined ore

THE ONLY GEOLOGICALLY POLYMERIZED MINERAL WAX OBTAINABLE IN THE U. S.

This is not a crude petroleum-base derivative but is mined from the only producing mine in the world and is specially refined to produce maximum toughness, hardness, melting point, oil absorption and high gloss as opposed to the soft and greasy characteristic commonly associated with Ozokerite even of high melting point.

This range of qualities in Ozokerite Utahwax furnishes satisfactory simplified formulations without incorporating expensive waxes.

Melting points 172° — 183° — 190° F.
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Formulations available for shoe polish and carbon papers. Technical information for other suitable uses on request.

Commercial quantities for prompt delivery available for the present ***in black only.***

Sole Owner & Distributor OZOKERITE MINING CO. Grand Rapids 2, Michigan, U.S.A.

Fish Oils

Menhaden—Limited supplies of refined oil were held for delivery against former orders. Inquiry continued active. Prices remain firm at ceilings.

Baltimore, March 20.—Though somewhat later than usual, trading for menhaden oil on a when-and-if-made basis has gotten under way, and in the last week contracts for ten tanks of crude oil were closed for the Florida season at the ceiling of 8.9 cents per pound, f.o.b., but with conditions attached. If OPA is abolished by June 30, with no extension beyond that date, there is to be renegotiation between the sellers and the buyers to determine what the price shall be, and if no agreement can be reached, the contract for all of the oil not delivered by that time is to be voided. The issue will not be determined for at least two months, since fishing operations are scheduled to start some time in May off the Florida coast, with all deliveries up to the end of June calling for the contract basis. The advance sales, however, show the demand for oil to be very good.

Sardine—Buying interest was keen, but trading was quiet owing to the scarcity of offerings.

Los Angeles, March 20.—Steady call continued for sardine oil, but lack of supplies has made the market practically inactive.

Cake and Meal

Cottonseed Meal—Owing to light meal and uncrushed seed stocks it is fairly obvious crushers will have only a limited tonnage of meal to offer during remainder of season. Such offerings will mainly be made in l.c.l. quantities to local feeders and retailers.

Linseed Meal—Production sold up with demand for additional commitments unsatisfied.

Minneapolis, March 20.—Demand for meal was extremely broad and crushers were forced to pass up a lot of business as the meager supplies just wouldn't stretch to trade expectations.

Shipments of linseed meal, in pounds, were as follows:—

	1945-46	1944-45
This week	7,200,000	3,900,000
Since Sept. 1	266,980,000	213,340,000

Soybean Meal—Several of the Midwestern processors were directed to ship soybean meal into Georgia this month against their set-aside quota. It is hoped this tonnage will total 700 to 800 tons, which is only one-half of what is needed to maintain proper production levels

Waxes

Beeswax—Business was moderate, with offerings more liberal for spot delivery. Prices were unchanged and steady.

Candelilla — Scarcity of supplies continued to restrict trade. Market was firm and unchanged.

Carnauba—Market was firmer here and in Brazil under a keen demand. Prices were advanced about 5c. per pound for all positions. Offers for shipment from Brazil were light owing to the steady decrease of old crop stocks. Sales of new crop No. 3, North Country, were reported at $1.25 per pound, f.o.b. Brazil for December-January shipment and additional bids at this figure were turned down.

Montan—OPA announced the removal of price controls on montan and I.G. waxes, effective March 25. Local market has been bare of supplies for some time.

Ouricury—This market was firm. Trading was quiet in the absence of offerings for shipment. Prices were well maintained.

NEW
HIGH MELTING MICRO-CRYSTALLINE PETROLEUM WAXES in *POWDER* FORM
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BEESWAX
MICRO-CRYSTALLINE PETROLEUM WAXES
CERESINE - - OZOKERITE
SPECIAL WAX BLENDS
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Penetration 100 Grams ½ to 2. Color 3 to 3½ N. P. A.
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LAURIC ACID
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ALL 90% OR BETTER IN PURITY

To our friends able to obtain government approval we can furnish limited quantities of the above products.

In addition to our regular items of crude and refined coconut oil in drum and tank-car lots, we now proudly offer these coconut oil fatty acids, product of half a century of experience and research.

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TECHNICAL AND U.S.P GRADES

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TANKWAGON AND TANKCAR DELIVERIES

WHITE OLEINE U.S.P.

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CRUDE GLYCERINE
TALLOW FATTY ACIDS

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2 Colton No. 17 Aut. Tube Fillers and Closers
1 Copper Jktd. 300-gal. Kettle
2 W. & P. Jacketed Mixers, 9, 75-gal.
4 Copper and Alum. Vac. Pans
1 Pfaudler Glass-lined Jacketed Evaporating Pan, 60"x21", agitated
14 Heavy Duty Jacketed, Agitated 1000-gal. Kettles or Digesters or Cookers
9 Same as above but 100 gal., 34"x34"
5 Jacketed Autoclaves or Pressure Vessels, 4'x6'
3 Horizontal Retorts, each with 2 crates, 42"x102"
3 Ft. Wayne Sterilizers, 72-case capacity
1 Anderson, Fred Goat Gelatin Packaging Machine, automatic
1 Ball & Jewell No. 1 Rotary Cutter
4 Nash Glass-lined Pumps

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Over 100 Tablet Presses, Colton and Stokes, Rotary and Single Punch for every wanted size and production

Mills

1 Thropp Rubber Mill, 15"x36", arr. for motor drive
3 Raymond IMP Mills No. 45, with accessories
1 Raymond IMP Mill, 24", with accessories
1 Mitts Merrill Hog or Shredder, Model 3 D
7 Hardinge Conical Mills, from 36" dia. to 8'
1 Calendar Roll Mill, 10 H.P., 5 rolls, 6"x12" and 7½"x14"
1 Day 12"x32" 3-roll (all watercooled) Mill with motor
2 Mikro Pulverizers, Bantam and No. 1

Filter Presses and Filters

5 Shriver Cast Iron Pl. & Fr. Filter Presses, from 7" to 36"
2 Sweetland Filters No. 7 (Bakelite-lined), No. 10 (lead-lined)
2 Louisville 36" Continuous Filters
4 Adams Water Filters, 1000 GPM, for large systems
1 Industrial Rotary Vacuum Filter, 6' dia. x 3' face

Presses: Hydraulic and Others

1 Standard Automatic 50-ton Plastic Molding Press with accessories
1 Farquahr 100-ton Extrusion Press, 10"x38½", stroke 40"
1 Southwark 500-ton Curb Press, 40" bed, 18" ram
1 Bethlehem 2000-ton Hydraulic Press, 6 heated plates, 5'6"x8'9"
1 Wood 7500-ton Hydraulic Press, 54" cylinder, 30" stroke, daylight 54"

Dryers

1 Black & Clawson Double Drum Dryer, 28"x60", with accessories
3 Double Drum Atmospheric Dryers, 27½"x63"
1 Devine Double Bronze Drum Dryer, 3'x9', with 25 H.P. Motor
1 Buffalo Double Drum Dryer, 32"x72"
1 Buffalo Single Drum chrome-plated Dryer, 5'x6', with auxiliaries
2 Buffalo Rotary Vacuum Dryers, 5'x30'
2 Vacuum Drum Dryers, 48"x40" (1 iron, other bronze, chromed)
1 Buffalo Vacuum Drum Dryer, 5'x20'
1 Rotary Vacuum Dryer, 3'x18', with auxiliaries
2 Galland & Henning Steam Tube Dryers, 6'x30'
1 Ruggles-Cole Rotary Dryer, 4'x20', with auxiliaries
1 Rogers Spray Dryer, 28' diameter chamber, complete
1 Proctor & Schwartz 3 Pass Apron Dryer, 41' long
1 Ross 4 Pass Continuous Conveyor Dryer, 60' long, with accessories
1 Proctor & Schwartz Tray (400) Dryer, 15' long (Louvre Type), accessories
1 Buflovak Jktd. & Agtd. 5' Pan Dryer
1 Bartlett & Snow Jktd. & Agtd. Pan Dryer

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Manufacturers' Agent in Chicago seeks sales connection on commission basis with an importer of cork and producer of raw materials used by Paint and Varnish Manufacturers such as Inerts, Colors, Gilsonite, or Resins. Address OPD 761.

EQUIPMENT OFFERED

Ertel 10-inch filter, slightly used, with pump and brand new AC motor for sale. $100.00. OPD 775.

For Sale—One 30-inch centrifugal. Manufacturer American Tool & Machine Company. Suspended type, direct motor driven, copper basket, bottom discharge, slightly used. Bay State Chemical Company, 108 Massachusetts avenue, Boston, Massachusetts. Kenmore 5519.

Three 80-gallon steam-jacketed stainless clad kettles. Kettles are 29 inches deep, 31 inches wide, 50 inches high. Jacket pressure 45 pounds. Cover, safety valve included. No dealers. OPD 778.

EQUIPMENT WANTED

Wanted—One ball mill. Samuel Fleisher, 127 Spring street, N. Y. C

Wanted—Ball mills, steel lined 3 ft. by 12 ft. with or without steel balls. OPD 776.

FACILITIES OFFERED

Chemical company located in Los Angeles area has a complete liquid mixing and canning plant available for contract operation. Capacity of over 6,000 gallons per day with bulk storage, spur track and laboratory facilities. Adaptable to a wide range of materials. OPD 781.

Building and modern equipment available for manufacturing lacquer, paint, varnish, on rental or gallonage basis. State requirements. Write Box 1931, 217 7th avenue, N. Y.

MATERIALS OFFERED

Camphor tablets U.S.P., ½ ounce, 81 cents pound. All sizes. Fast deliveries. Acme Chemical Co., 410 East 32nd street, New York. MU 3-7472.

For Sale: 15 drums each of technical and U.S.P. chloroform. Submit offers to OPD 780.

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Will purchase your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. OPD 725.

Ethyl ether. Middle western distributor wishes to contact manufacturer who can furnish commercial ether in one-pound or five-pound cans, labeled or unlabeled. OPD 774.

Want 100- to 500-pound lots of soft mineral crushed and screened. Address Minerals, Room 604, 114 Liberty street, New York 6, N. Y.

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WE CAN'T SELL UNLESS WE KNOW WHAT YOU CAN SELL
SEND US YOUR LIST NOW—TODAY!

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2—16"x40" Day & Lehman 3 roll W. C. Mills M.D.
8—Anderson No. 1 Expellers, M.D.
1—8" Mikro Pulverizer.
1—Simpson No. 1 Intensive Mixer. 4' dia. Pan.
1—No. 7 Rotex Sifter, 40"x84".
1—Patterson 36" dia. Dry Pan, double muller.
4—18" & 22" Robinson & Bauer motor driven Attrition Mills.

6—DRY POWDER MIXERS, various sizes. To 3864 lbs.
1—OLIVER FILTERS, 8'x8', 8'x12'.
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4—B. & C. 28" Dia. x 60" face Atmospheric DOUBLE DRUM DRYERS complete.
1—32"x72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYER, m.d.
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9—Direct heat ROTARY DRYERS. 4'x30', 5'x30', 70"x30", 6'x60'.
2—ROTARY KILNS, 6'x60'.
10—ROTARY VACUUM DRYERS: 3—Buffalo 5'x50'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—struthers Wells 30"x12'.
1—36"x72" Atmos. DOUBLE DRUM DRYER, complete.

5—World or Ermold, Burt & Knapp Labelers.
1—Stokes DDS Rotary Tablet Machine, 23 punch.
7—Copper steam Jack. Kettles, up to 500 gal. cap.
7—Filter Presses up to 42"x42" Plate Frame & Recessed.
7—Copper & Alum. Vac. Pans, up to 500 gal. cap.

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1—30-ton capacity Browning, std. gauge, LOCOMOTIVE CRANE, 50' boom, double drums, each of equal lifting capacity, separate swinging engines; entire crane completely rebuilt.

1—20-ton capacity Link Belt, std. gauge, LOCOMOTIVE CRANE, double drums, 40' boom, completely rebuilt.

NEW ALUMINUM TANKS UNUSED

63—250 gal. closed horizontal Aluminum Storage TANKS, oval-shaped, approx. 46" and 28" by 61" long, 18" round. Manhole in top, ⅛" plate.

4—100 gal. underdriven LEAD MIXERS, in battery with drive and motor.

SPECIAL PURCHASE

2—Buffalo 6' Vacuum & Atmospheric CRYSTALIZERS.
1—Devine VACUUM SHELF DRYER, 14 shelves, 40x43.
1—Devine 5'x30' Rotary VACUUM DRYER.
2—Allberger 1200' Copper Tube CONDENSER.
1—Sperry 42x42 Recessed C.I. FILTER PRESS.

HIGH SPEED ROLLER MILLS
1—Kent 16 x 40, 3-roll, m.d.
1—Lehman 13 x 32, 4-roll, m.d.

MOVING RAPIDLY

1—28"x48" SIFTERS, 8 deck, 4 deck, 3 deck, 2 deck.
1—4'x20' brick lined ROTARY CALCINER, complete with firing hood, oil burning equipment, instruments, etc.
1—12" dia. x 15' long KILN, roller mounted, incl. oil burner, complete.
1—Dings 12" dia. x 18" MAGNETIC SEPARATORS, each in conveyor set-up and incl. M.G. set.
1—3'x8' Hendy Iron Works, iron lined ROD MILL, Clutch pulley with 30 H.P. motor.
1—Pangborn DUST COLLECTOR, 4,800 sq. ft. filtering area, 15,000 c.f.m., incl. exhauster supporting steel. Outside type.

2—60 gal. Alum. S. J. KETTLES.
1—80 gal. Alum. S. J. KETTLE.
5—Stokes "R" Single Punch TABLET MACHINES, makes 2½" dia. tablet.
4—Colton No. 5½ Single Punch TABLET MACHINE.

Only a partial listing. Space does not permit listing all items. Send us your inquiries

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Help create those JOBS. Send your list NOW to "CONSOLIDATED"

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FOR OVER A QUARTER CENTURY A SYMBOL OF CONFIDENCE
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Complete Tablet Plant consisting of Stokes Drying Closet, Granulating Mixer, Granulator, Tablet Machines, Polishing and Coating Pans.

STOCK ITEMS!

1—Colton No. 2 Rotary Tablet Machine.
1—Schutz O'Neill 16" Ball Bearing, Style D Limited Mill.
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1—Standard Knapp No. 429 Automatic Sealer and Gluer.
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1—Oliver Filter, 5' x 8'.
3—Rotary Vacuum Dryers, 4' x 10', 4' x 15', 5' x 33'.
1—Stokes 48" x 72" Atmos. Double Drum Dryer.
2—6' x 27'6" Rotary Steam Tube Dryers.
1—5-Roll Raymond Mill.
2—American 16" x 40" 3 Roller Mills, water cooled, motor driven.
4—Stokes Rotary B and BB Tablet Machines.
7—Stokes, Colton, Mulford Single Punch Tablet Machines, 3B, 3D and "F" and "R".
3—Tyler Hummer Screens, 3' x 5', 4' x 5'.
3—Hardinge Ball Mills, 4½' x 24", 4½' x 16", 2' x 8".
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5—Copper Vacuum Pans, 30", 42", 48", 5' and 6' dia.
5—1,200-lb. Brand New Powder Mixers.
2—3,000-lb. Powder Mixers.
1—Copper Revolving Pan, 36" dia.
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2—60 and 125 gal. Alum. Jktd. Kettles.
10—Copper Jktd. Kettles, 25 to 150 gal., some agitated.
8—Steel Jktd. Kettles, 600 to 1,200 gal., some agitated.
1—Copper Varnish Kettle, 175 gal.
2—1,750 gal. Lead Lined Closed Tanks.
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3—Powder Mixers, 100 to 800 lb.
4—W. & P. Mixers, 9, 20, 100 gal.
1—Howes 24" x 12' Powder Mixer.
1—Williams No. 1 Hammer Mill.
2—National Day Powder Fillers.
1—Stokes & Smith G-3 Powder Filler.
5—World, Ermold, National Labelers.
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1—Tolhurst 40" Suspended type, Bottom Discharge Centrifugal, solid basket, M.D.
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6—Copper and Steel Vacuum Pans, 50 to 750 gal.
2—Swenson Continuous Crystallizers, 24" x 30'.
3—Read 100 gal. Double Arm Steam Jacketed Mixers, practically brand new.
3—Day 18" Pressure type ointment mills.
800 ft. of Lamson Heavy Duty Roller Conveyor.
10—12" Belt Conveyors, 20 to 50' centers, built to specifications.
5—Rotary Dryers, 4' x 20' to 6' x 60'.

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Two Openings—Industrial coatings field service man—Eastern Seaboard and Chicago areas. Experience in application techniques of spraying, dipping, flocote, etc. General knowledge of paint and lacquer chemistry and formulations. Sales attitude and personality important. Salary and incentive bonus. OPD 755.

POSITIONS VACANT

Lacquer chemist: Wide experience in all types of synthetic resin coatings for metal, wood and paper. Gordon Lacey Chemical Products Co., 57-02 48th street, Maspeth, L. I. STillwell 4-0623.

Salesmen, distributors wanted. Firm makes textile chemicals, dry cleaning materials. All territories open. OPD 779.

Broker, vegetable, animal oils and fats and all by-products, wants able assistant with initiative. Exceptional opportunity for thoroughly experienced person; male or female. State full particulars. OPD 765.

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Organic chemist, experienced in formulating waxes, polishes, varnishes, lacquers, etc., for research and development, with a new and small firm. Send photo, details of experience and education to P. O. Box 486, Wilmington, Del.

Dry color chemist. Thoroughly familiar with manufacture chromium oxide, chrome colors, etc., for supervision laboratory and plant operations. We are expanding rapidly and this is a real opportunity for a competent and aggressive man to get in on the ground floor. Give qualifications and salary expected. OPD 783.

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Stainless Steel Tanks—new—100 and 200-gal. dished bottoms with stands.
9 new Stainless Steel Jacketed Kettles, 30 and 40 gals. capacity.
Steam Jacketed Kettle 9' dia. 5' deep, with agitator (new).
Copper tank with agitator and coil, 66" dia x 7' high.
2 International Centrifuges, size 3, Type F.S., Stainless Steel with Motors and Starters.
Copper Evaporator with Stokes Condenser.
Shriver Filter, 24", open del., 25 plates, cast iron.
1 Stokes and 1 Devine Vacuum Pump.
2 Copper Percolators.
Stainless Steel Vert. Tank, 7' dia x 10', No. 430 Chrome.
Colton Capsule Machine with Dies.
6 De Laval Imo Pumps, 2" suc. 2" disch., new.
Stainless Steel Pumps (new) with G. E. Explosion-proof Motors.
Electric Immersion Heaters, Stainless Steel, 115 V., 550 Watt (new), $15.00 each.

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Large stock Brooklyn warehouse. All equipment priced low to save moving expense.

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1—Chrystie 80"x45' Rot. Dryer.
1—Oliver 8'x10' Rot. Vac. Filter.
1—Tube Mill, 5'x15'.
2—Dorr 15' Bowl Classifiers.
1—Sturtevant 36" Rock Emery Mill.
2—Batteries (9 & 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.
1—No. 6 Sharples 2 H.P. Centrifuge.
1—Steel Ball Mill, 35 gals.
2—Adamson 6" Extruders.
25—New stainless Steel Tanks, 100 to 1,000 gals.
New Water Stills, Gas and Electric.
500-ft. Ball Bearing Roller Conveyor, 12" & 15" wide, 10-ft. lengths.
12—Filter Presses, Iron, Wood and Rubber, 18" to 42" sq.
4—Centrifugals, 20", 26" & 40".
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1—Bonnot 27" dia. Iron Filter Press.
12—Vert. Jack. Agit. Kettles & Autoclaves to 1,500 gals.
2—250 & 1,500 gal. lead lined kettles.
1—250 gal. copper jack. vac. Still & Receiver.
1—Pfaudler 350 gal. Jack. Agit. Steel Kettle. Copper Lined.
1—700 gal. steel copper lined vac. Filter Tank.
6—20, 35, 75 & 250 gal. closed, jacketed Copper Kettles.
1—Dopp 50 gal. Jacketed Kettle.
15—50 gal. Steel Tanks, Nettco Drives.
2—Blystone 2,000 lb. jacketed, horiz. Paddle Type Steel Mixers.
6—Horiontzal Mixers, 20 to 100 gals., Single & Double Arm.
1—Faust 150 gal. Spiral Mixer.
1—Jeffrey Type 2A Electric Vibrator Feeder with Variac Rheostat.
2—4,000 gal. Acid Proof Tanks.
2—Devine Horiz. Vac. Pumps. 8"x6"x4"x6".
2—Wall Vac. Pumps. 4"x2½".
1—Devine Vert. Condenser.
1—Penn. Vac. Pump, 14"x5".
1—National Acme Model C20 stainless Steel Centrifuge.
2—De Laval Multiple Clarifiers, 300 & 301.
2—Rotary Screens, 18"x72".
6—Attrition Mills & Disc Grinders up to 22".
1—Ross 16"x40", 3 Roll Mill.
3—Double Stand Steel 4 Roller Mills, 7"x18" to 7½"x30".
10—Iron Mills, 12", 14" & 18".
8—Stone Mills, 8" to 32".
6—Lead & Paste Mixers to 72 gals.
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2—Double Roll Crushers.
1—Williams No. 3 "Regular" type Hammer Mill.
10—Electric Agitators, ¼ to 2 H.P.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, up to 10 H.P.

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Automatic Controls

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Stainless Steel Vacuum Still

Jacketed
50 Gallon Capacity

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Special Offerings for Immediate Delivery!

W. & P., Day Cincinnatus and Imperial Type Mixers; Hottman Paragon, Read, Single and Double Arm from 2 gallons to 300 gallons.
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Johnson and Oliver Sweetland Filter Presses.
Copper Stills and Vacuum Pans.
Huhn Rotary Continuous Dryers.
Schutz O'Neill Rotex, and Allis-Chalmers Lowhead Sifters.
Package Machinery Co., Johnson, Miller, all types of Wrapping, Packaging and Cartoning Equipment. (Please submit Samples of your item with Your Inquiry.)

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IMMEDIATE DELIVERY

1—150 gal. stainless steel vacuum still, complete.
5—Shriver, Sperry filter presses, 12" to 40", open and closed deliveries.
3—Stokes models F, T & B Tablet presses.
1—World Straightaway front and back labeler.
1—Mikro No. 2 pulverizer, 7½ h.p.
1—Day 80 gallon Brighton mixer.
2—New Abbe Lenart stainless steel mixers, 3 h.p., explosion-proof motor.
2—Colton No. 2 and No. 4 tube and jar fillers.
3—Colton granulators.
5—Rotex sifters, 20x28 to 20x96—3 to 5 separations.
2—Pebble mills, 3'9"x4' and 3'6"x4'.
1—F. J. Stokes rotary vacuum dryer.
1—Day Jumbo jacketed mixer, 170 gallons.
1—3500 copper vacuum still (print available).
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3—Union special bag stitchers.

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1—Sperry Iron Filter Press, 36"x 36".
1—Shriver Iron Filter Press, 18"x 18".
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1—Buffalo Double-Door Vacuum Shelf Dryer, 15 shelves, Condenser, Vacuum Pump & Motor.
1—Hardinge Conical Siled-Lined Ball Mill, 8' dia., 30" cylinder.

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1—COLTON No. 3 Rotary Tablet Machine.
3—STOKES "E" & "F" Single Punch Tablet Machines.
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6—New S.S. Tanks, 100 gal.

Write for Bulletin A-5

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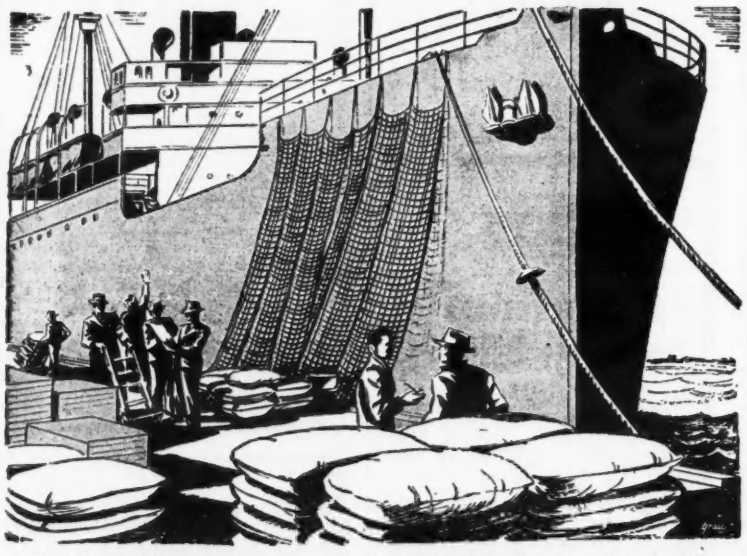

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Competent, experienced engineer to go to India to supervise erection, initial operation and training of personnel for 25-ton vegetable oil refining, hydrogenating and deodorizing plant, August, 1946 to August, 1947. William Garrigue & Company, Inc., 9 South Clinton street, Chicago 6, Illinois.

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Trade Briefs

Standard Oil Company, of California, will construct a steel warehouse in San Francisco.

Sun Oil Company, Philadelphia, has named Donald Lincoln manager of the refinery supply and distribution division.

Eaton Oil Works has been incorporated in Covington, Ky., by George Eaton, B. George Edson and Edward Batts.

Hartol Products Corporation, petroleum products, New York, has changed its name to Hartol Petroleum Corporation.

Sinclair Refining Company, New York, has appointed Paul W. Zumbrook manager of domestic lubricating oil sales.

FOR SALE

1—Oliver Vacuum Filter; 3 x 6. All fixtures aud motors included.

WILL BUY

Shriver 24" square, side feed, open delivery, cast iron, washing filter press, flush plate and frame type with at least 30 chambers and frames 2" thick. *Box 742, Oil, Paint and Drug Reporter.*

Corporation Earnings

Allied Chemical & Dye Corporation

	1945	1944
Net income	$18,913,605	$18,025,075
Per share	8.54	8.14

Borden Company

	1945	1944
Net income, year, Dec. 31	$12,093,972	$9,987,994
Per share	2.85	2.35

Lindsay Light & Chemical

Net income year, Dec. 31	59,282	72,787
Per share	.70	.92

McKesson & Robbins

Net income	$2,358,060	$1,187,602
Per share	1.31	.61

National Can Corporation

Net income, year, Dec. 31	701,789	616,052
Per share	.96	.84

National Gypsum Company

Net income, year, Dec. 31	1,000,616	867,861
Per share	.51	.42

Parke, Davis & Company

	1945	1944
Net income, year, Dec. 31	$7,763,031	$7,607,079
Per share	1.59	1.55

Parker Rust Proof

Net income, Dec. 31, quarter	208,117	200,105
Per share	.48	.47

Dr. Pepper Co.

Net income, 11 months, Nov. 30	932,455	.....
Per share	1.33	.....

Chas. Pfizer & Co.

Net income	1,853,109	2,335,683
Per share	1 24	1.56

Professional Services

Analysis—Testing—Patents Formulations—Trademarks

(For further details see listings in OPD Green Book.)

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Assn. of Consulting Chemists & Chemical Engineers, Inc.
50 East 41st St., New York 17, N. Y.

Johan Bjerksten, Ph.D.,
185 N. Wabash Ave., Chicago 1, Ill.

Bureau of Chemistry
2 Broadway, New York 4, N. Y.

Di Cyan & Brown
12 East 41st St., New York 17, N. Y.

The Don Company
6253 Hollywood Blvd., Los Angeles 28, Calif.

The Edwal Laboratories, Inc.
732 Federal St., Chicago 5, Ill.

Dr. J. Ehrlich
153 S. Doheny Dr., Beverly Hills, Calif.

Ellis-Foster Company
4 Cherry St., Montclair, N. J.

Ralph L. Evans Associates
250 East 43rd St., New York 17, N. Y.

Food Research Laboratories, Inc.
48-14 33rd St., Long Island City 1, N.Y.

E. M. Laning Company
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LaWall & Harrisson
1921 Walnut St., Philadelphia 3, Pa.

Leberco Laboratories
36 Roosevelt Ave., Bloomfield, N. J.

Molnar Laboratories
211 East 19th St., New York 3, N. Y.

James C. Munch
306 So. 69th St., Upper Darby, Pa.

Orthmann Laboratories, Inc.
647 W. Virginia St., Milwaukee 4, Wis.

W. S. Purdy Company, Inc.
128 Water St., New York 5, N. Y.

Schwarz Laboratories, Inc.
202 East 44th St., New York 17, N. Y.

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303 Washington St., Brooklyn 1, N. Y.

Stillwell & Gladding, Inc.
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Calvert & Read Sts., Baltimore 2, Md.

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Corporation Earnings

Abbott Laboratories

	1945	1944
Net income, year, Dec. 31	$3,156,795	$3,039,512
Per share	3.57	3.43

Blaw-Knox Company

	1945	1944
Net income, year, Dec. 31	$3,344,288	$2,169,417
Per share	2.51	1.63

Canadian Celanese, Ltd.

	1945	1944
Net income, year, Dec. 31	$1,638,531	$1,642,579
Per share	3.02	3.04

Hinde & Dauch Paper Company

	1945	1944
Net income, year, Dec. 31	$999,067	$960,255
Per share	2.01	2.17

Jones & Laughlin Steel Corporation

	1945	1944
Net income, year, Dec. 31	$8,082,082	$7,966,603
Per share	2.91	3.14

Katz Drug Company

	1945	1944
Net income, year, Dec. 31	$369,818	$343,431
Per share	.88	.82

Long Island Railroad

Net income, year, Dec. 31	857,579	983,289
Per share	.....	.....
Net income, year, Dec. 31	4,352,183	4,227,187
Per share	3.18	3.07

St. Joseph Lead Company

	1945	1944
Net income, year, Dec. 31	$4,829,814	$5,153,355
Per share	2.44	2.61

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Clays	Manganese Oxide	Tall Oil

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